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Vital Statistics of Iowa 1978

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FOREWORD

Vital Statistics of Iowa 1978 contains historical and current data concerning live births, deaths, marriages, and dissolutions of marriages. Also contained within the publication are resident population data which provide the bases for most of the vital statistics rates.

Live births and deaths are presented as events that involve residents of Iowa. As a result, live births and deaths pertain exclusively to Iowans - marriages and dissolutions, however, involve both Iowa residents and out of state residents.

A change for 1978 is that live birth injuries are no longer reported on the certificate of live birth. As a result, the data concerning live birth injuries have been deleted from the state, county, and city summary tables (numbers: 4, 5, and 6). However, perinatal death data have been added to those tables.

We believe this publication to be very beneficial to both general and detailed vital statistics users. Nonetheless, additional detailed data, though not here published, are available. Requests for such data will be considered.

This report was prepared by Michael Dare, and other members of the Statistical Services Unit. The cooperation and contributions of the Vital Records Unit, Data Processing Unit, Word Processing Unit and the Information and Education Section is acknowledged.

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Apparently, the live birth rate has recovered from the low rates during 1972-76. The current 15.4 rate per 1,000 population is nearly stable, in comparison to 15.5 last year, which jumped from 14.5 in 1976. Moreover, the 1978 rate is up by 13.2 percent from the 13.6 low rate for 1973. The high rates in 1977-78 result from increases in the number of births to mothers 30-34 years of age. Last year the number within this age group increased by 16.0 percent, and the increase is 9.7 percent for 1978. These jumps are in comparison to an 8.2 percent rise in total live births for 1977 and a 0.8 percent overall decrease this year.

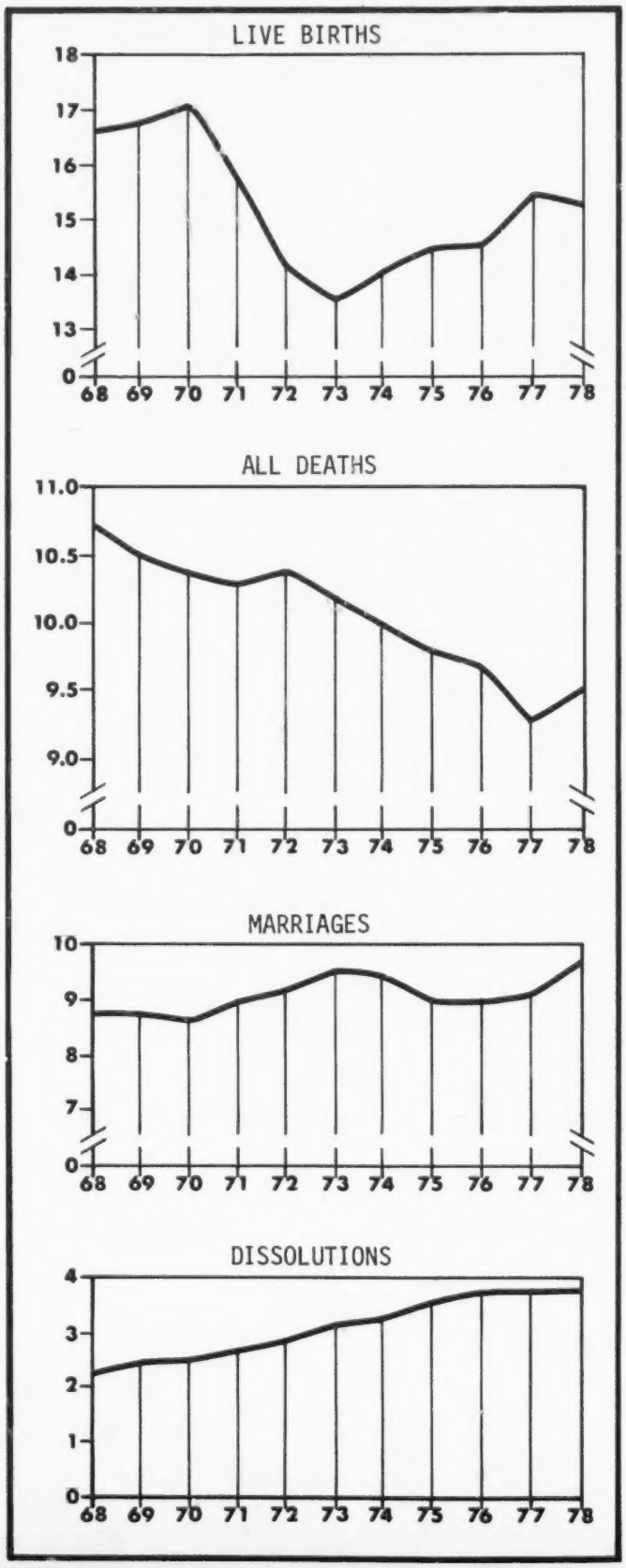
In theory, the death rate will increase as the proportion of older persons in the population becomes larger. The opposite was evident during 1972-77. The death rate steadily decreased from 10.4 per 1,000 population to 9.3, while the elderly population was increasing. However, the current 9.5 rate is up by 2.2 percent.

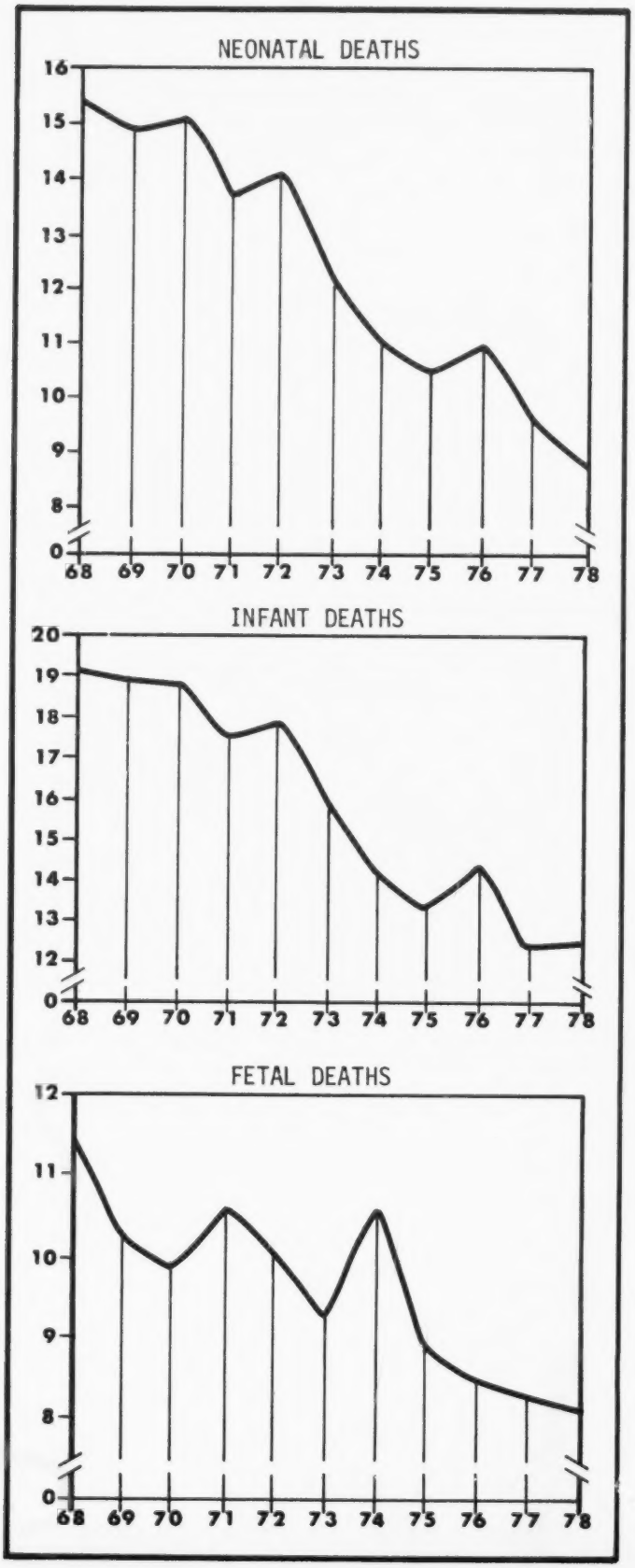
Live birth and death rates pertain exclusively to Iowans. In contrast, marriages are classified as occurrence data. As a result, the marriages of residents from other states, as well as Iowans, are reflected in the marriage rate. For this year, the marriage rate jumped by 6.6 percent - to 9.7 per 1,000 population from 9.1 last year. However, the current rate is just slightly higher than 9.6 in 1973.

Dissolutions are also occurrence data. After almost steadily increasing from 2.3 per 1,000 population in 1968, the dissolution rate has stabilized at 3.8 during 1976-78. This is the highest rate since 4.0 in 1946. However, the peak may have been reached. Couples are marrying at older ages than in the past. As a result, they may be choosing marriage partners more discriminately.

CHART 1

SELECTED VITAL EVENT RATES
1968 - 1978





With fluctuations, the neonatal death rate has dropped sharply by 42.9 percent during the period depicted. In 1968, the rate was 15.4 per 1,000 live births. The drop has been almost continuous since 1972 from a rate of 14.1. Currently the rate is 8.8, which is 8.3 percent below the rate last year.

The infant death rate is now 12.5 per 1,000 live births. This is down by a remarkable 34.6 percent, compared to 19.1 for 1968. With two notable exceptions, in 1972 and again in 1976, the drop has been steady. However, the current rate is up by a minimal increase from 12.4 last year.

Also moving sharply downward has been the fetal death rate. This has fluctuated considerably, but it has fallen by 28.9 percent from 11.4 at the beginning of the period. In 1974 the fetal death rate was 10.6 per 1,000 live births. Since then, the rate has continually dropped, by 23.6 percent, to a current 8.1. This is down slightly, compared to 8.3 for 1977.

The resident live birth rate per 1,000 population:

- Peaked at 25.2 in 1951.
- Remained high during the balance of the 1950's; it fluctuated around 24.0 in 1952-55, and was about 23.0 from 1956 through 1958.
- Declined steadily from 23.5 in 1959, sharply downward, to 16.7 for 1968.
- Was stable at about 17.0 during 1967-70
- Continuously decreased again, throughout 1970-1973, from 17.1 to the low of 13.6.
- Gradually increased to 14.5 for 1976.
- Jumped to 15.5 last year and stabilized at 15.4.
- This current rate is 38.9 percent below the peak, but 13.2 percent above the low rate for the period depicted.

Concerning the recent recovery of the live birth rate, the 25-29 age group of mothers had a disproportionately high increase in live births during 1974-76. This has shifted to mothers 30-34 years of age in 1977 and 1978.

In 1950, the resident death rate was 10.3 per 1,000 population. The rate for the following year through 1958 was generally close to 10.0. However, it was slightly below, in 1954-56, and just above 10.0 during 1957-58. At the end of the 1950's, the death rate was, again, 10.3.

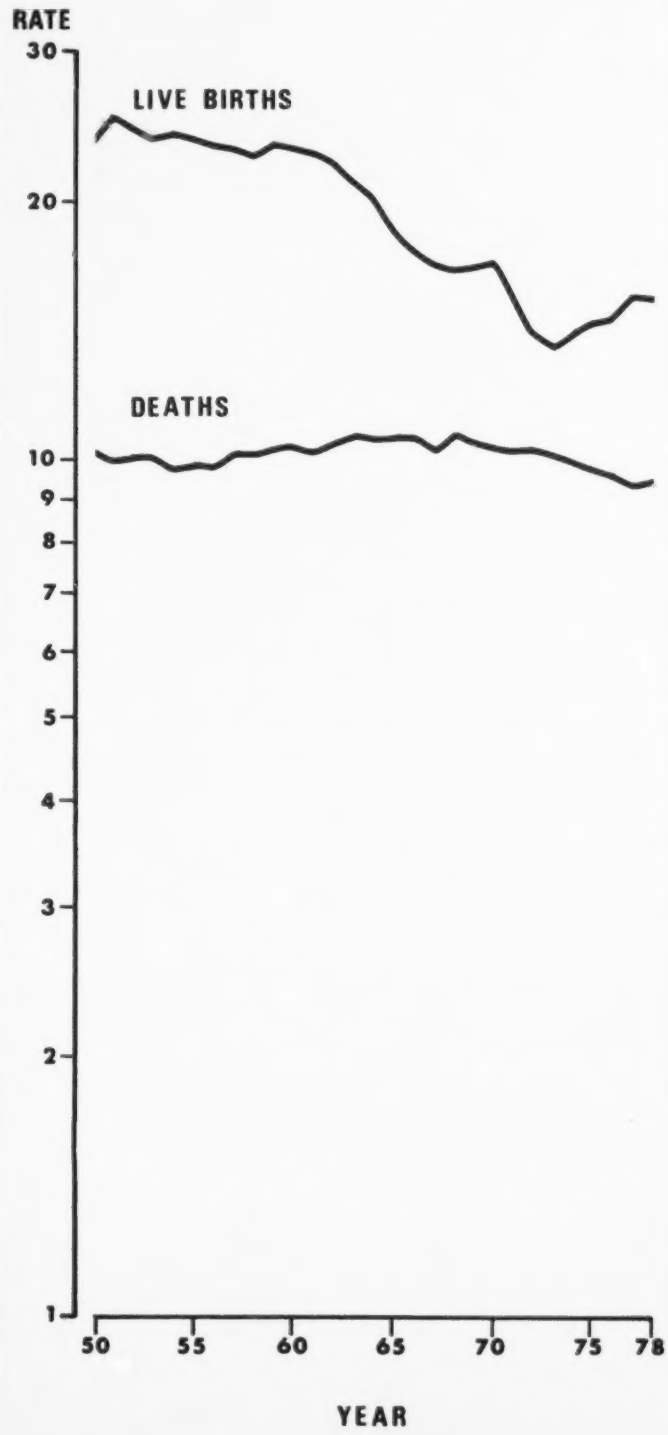
Throughout the 1960's, the death rate was generally up, compared to the preceding decade. It was about 10.4 during 1960-62, but up around 10.7 for the remainder of the period. An exception was 10.3 in 1967. Overall, the death rate was fairly stable in the 1960's.

In contrast, the death rate has declined through most of the 1970's. It was about 10.4 until 1972, but has steadily declined, since then, to 9.3 for last year. Currently, the death rate is up somewhat, to 9.5.

CHART 2

LIVE BIRTH AND DEATH RATES
1950 - 1978

Rate Per 1,000 Population



Marriages occurred at a high 10.5 rate per 1,000 population in 1950. This coincided with the outbreak of the Korean War. Subsequently the rate dropped steadily to 8.6 for 1952, and remained relatively low at 8.8 until 1955. The rate was again somewhat low in 1957-58. In contrast, the marriage rate was a relatively high 9.3 for 1951. The rates during 1955-56 and in 1959 were on about the same 9.3 level.

In the 1960's, the marriage rate steadily dropped from 9.0, at the beginning of the decade, to a low of 6.9 for 1962. This was the lowest rate during the period depicted. However, the rate reversed almost steadily upward to 8.8 in 1968-69.

During the early 1970's, the marriage rate continued to steadily increase. It rose from 8.7 for 1970 to 9.6 in 1973. For the following year the rate remained up at 9.5, but it dropped to 9.0 in 1975. Since then the marriage rate had been stable, until it jumped to the current 9.7.

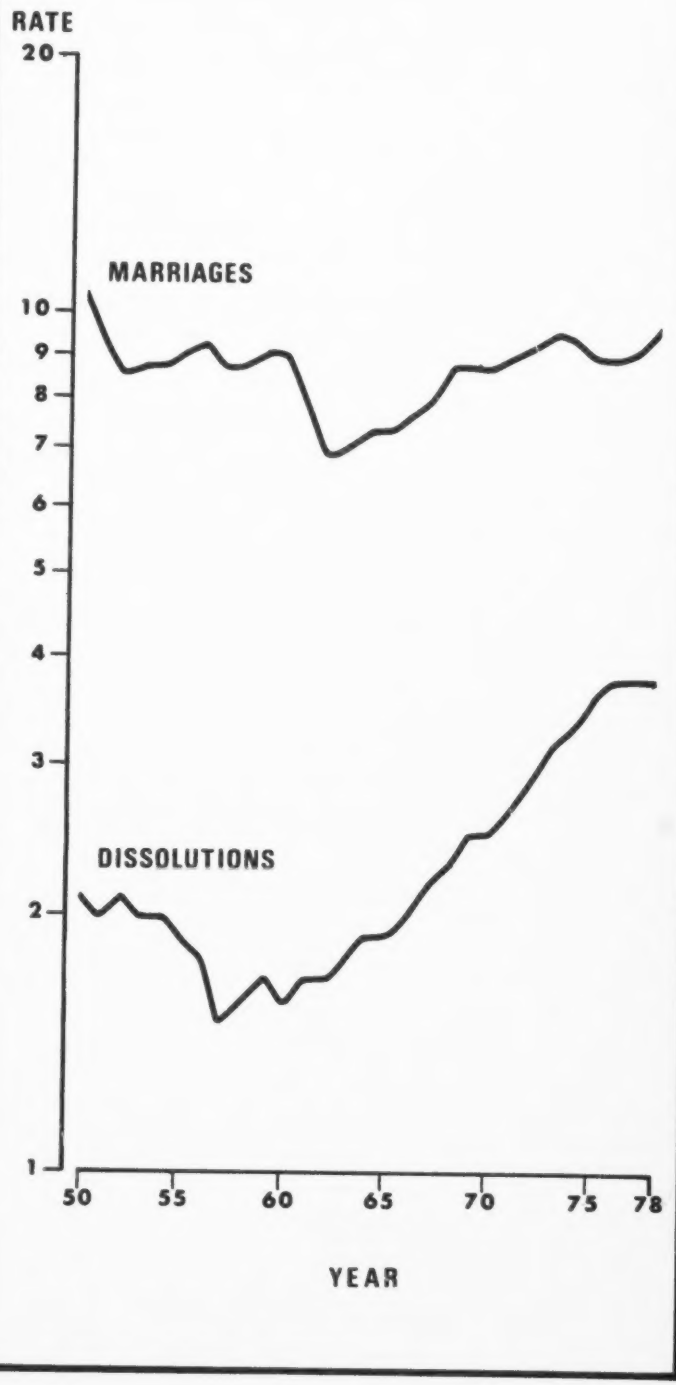
During the first half of the 1950's, the dissolution rate was very stable at around 2.0 per 1,000 population. However, through the remainder of the decade, the rate was down considerably. It declined continuously to a low 1.5 rate for 1957, which is also the lowest rate during the period depicted. Then the rate began to recover. It was 1.6 the following year and 1.7 in 1959.

The gradual recovery continued through the first half of the 1960's. By 1965, the dissolution rate was up to 1.9. From that rate, the increase was continuous to 2.5 at the end of the decade.

Throughout most of the 1970's, the increase remained uninterrupted. At the beginning of the decade the rate was 2.5, which rose continually to 3.8 in 1976. However, for three consecutive years, the rate has stayed the same, 3.8.

CHART 3

MARRIAGE AND DISSOLUTION RATES
1950 - 1978 Occurrence Data
Rate Per 1,000 Population

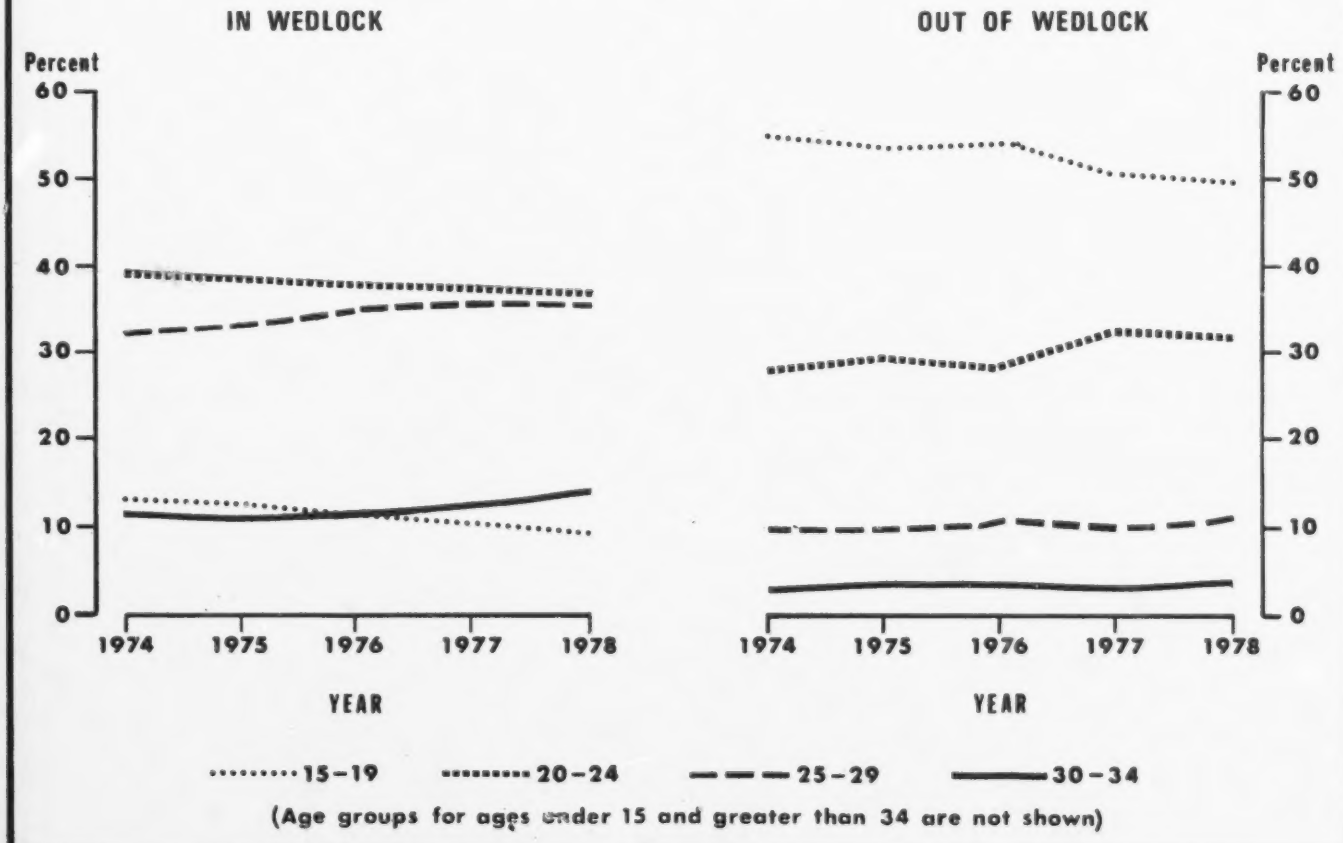


In wedlock mothers have been postponing live births. The 25-29 age group has increased steadily in percentage from 32.2, at the beginning of the period depicted, to 35.6 percent in 1977-78. There has also been a continuous increase in the proportion of mothers 30-34 years of age since 1976. It was 11.6 percent then, compared to 14.0 now.

Since 1970, the 15-19 age group of mothers had comprised the majority concerning out of wedlock Live births. However, the current proportion is less than one-half, 49.7 percent. This has sharply declined, compared to 53.8 percent in 1976. The other prominent out of wedlock age group is 20-24 with a current 32.1 percent. This is up considerably from 28.4 percent in 1974, but stable in comparison with the 32.7 percent for last year.

CHART 4

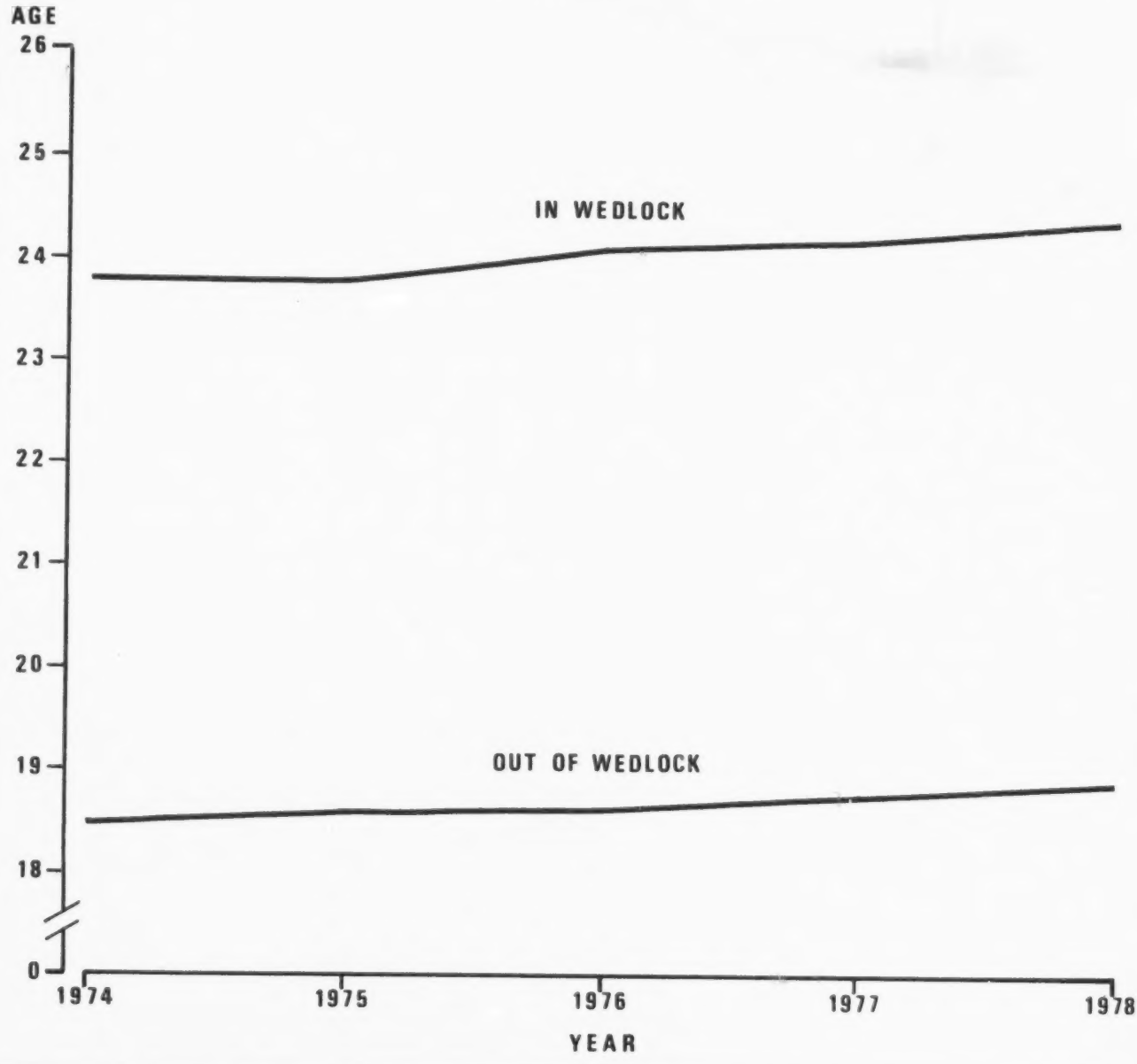
IN WEDLOCK AND OUT OF WEDLOCK LIVE BIRTHS BY AGE OF MOTHER, PERCENT DISTRIBUTION
1974 - 1978 Resident Data



(Age groups for ages under 15 and greater than 34 are not shown)

CHART 5

MEDIAN AGE OF MOTHER FOR IN WEDLOCK AND OUT OF WEDLOCK LIVE BIRTHS
1974 - 1978 Resident Data

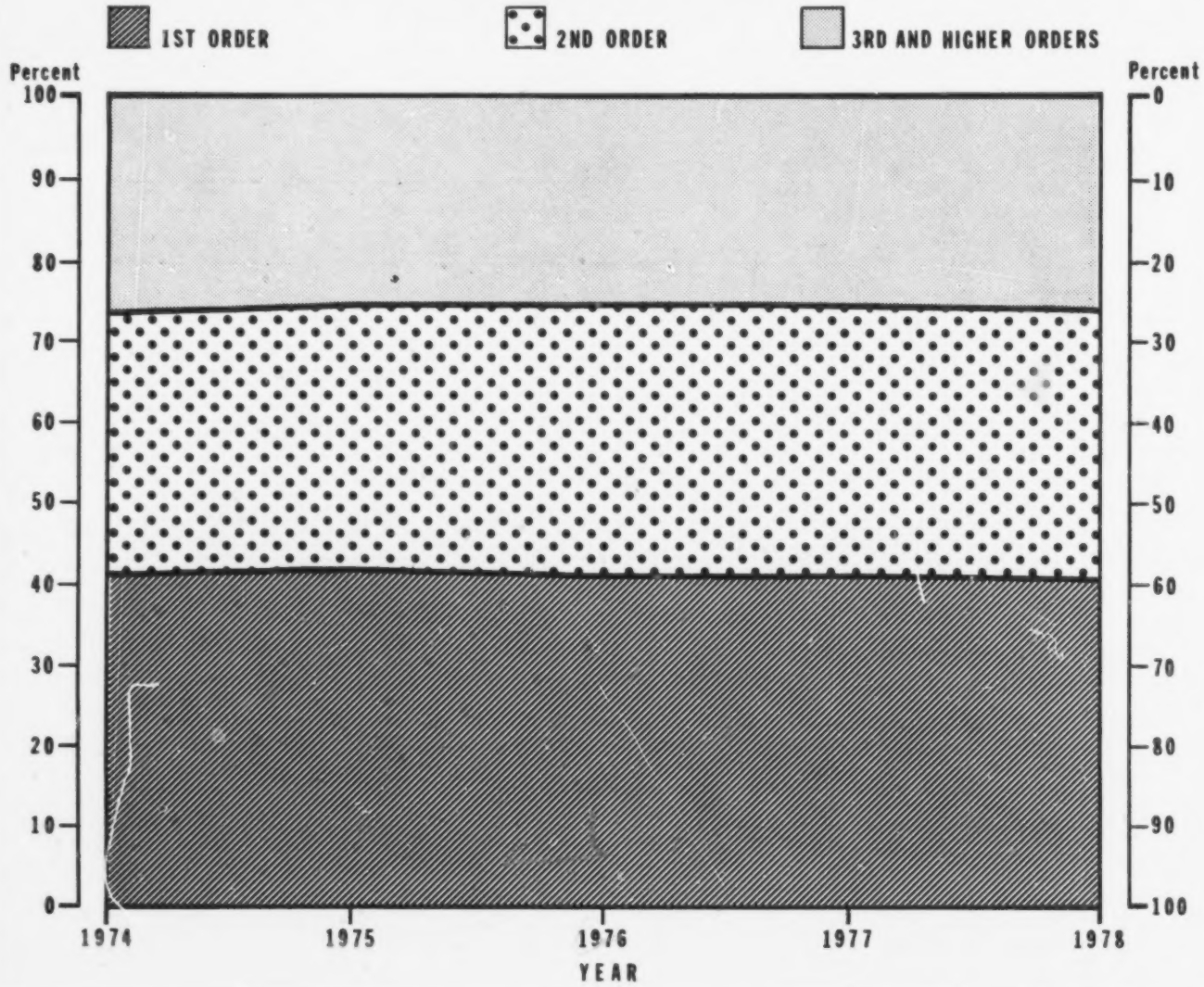


Currently one-half of the mothers experiencing in wedlock Live births are older than 24.4 years of age, and the other half are younger. This median age has increased slightly from 23.8 years in 1974.

Concerning out of wedlock mothers, the median age was 18.5 years for 1974. It has very gradually "aged" to the current 18.9 years.

CHART 6

LIVE BIRTH ORDERS, PERCENT DISTRIBUTION
1974 - 1978 Resident Data



The starting of new families is being postponed but existing families are being completed with two children. There may be, in addition, a small trend toward three children.

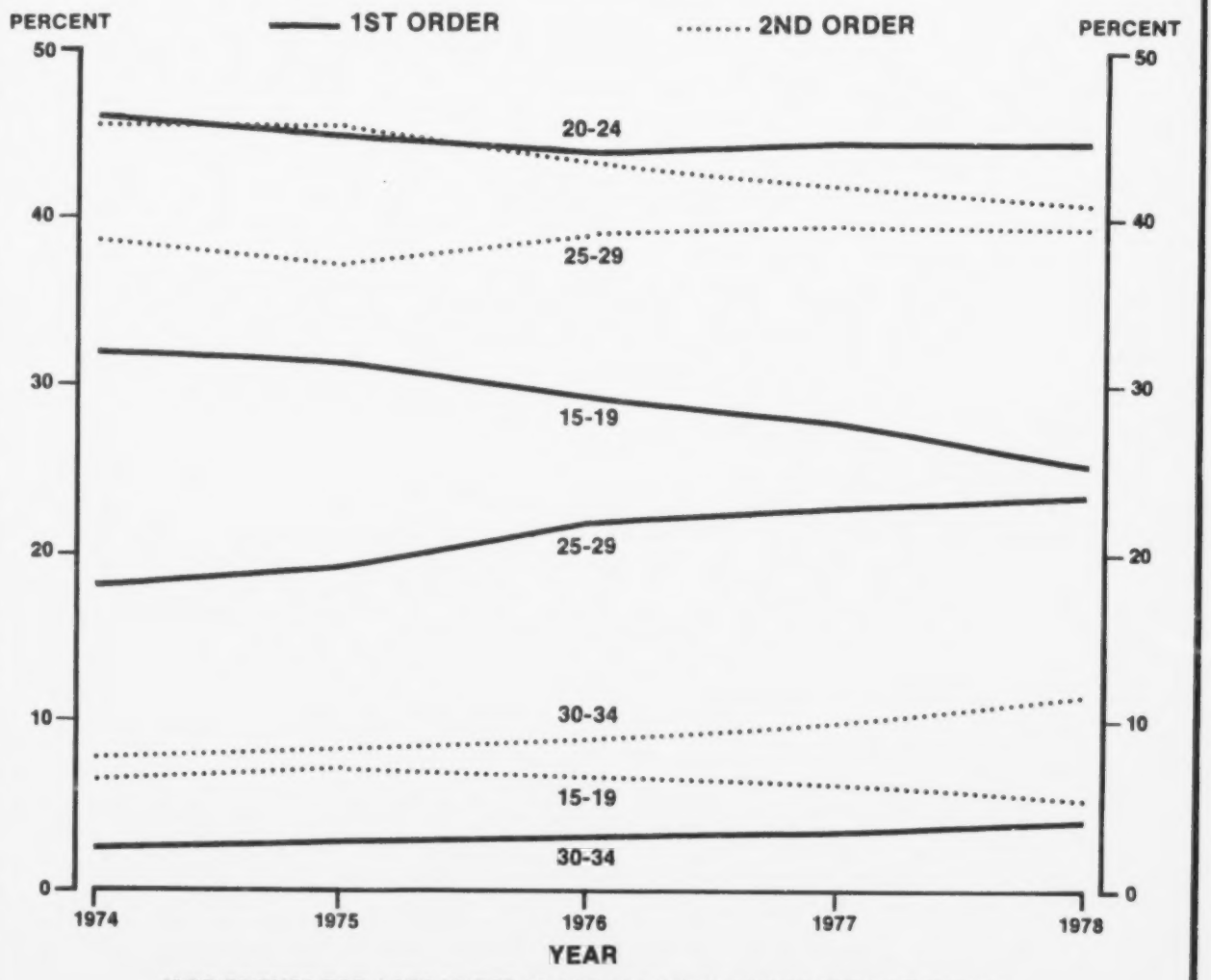
- First order live births have moved slightly downward in percentage since 1975.
- The trend for the second order birth is slightly upward.
- The third and higher order births have been stable since 1975. However, the third order, itself, has steadily increased from 14.1 percent in 1974 to a current 16.3 percent.

First order live births have been delayed during the past 5 years. The proportion for mothers aged 15-19 has dropped steadily from 32.1 percent of all first order live births to a current 26.4. Although it has been fairly stable since 1976, the current 44.8 percent within the 20-24 age group is down, compared to 46.1 percent for 1974. In contrast, both the 25-29 and 30-34 age categories have continuously risen, considering percentages, since 1974. Most notable has been the increase from 18.2 to the current 23.5 percent for mothers 25-29.

Currently 40.9 percent of second order live births are to mothers 20-24 years of age. This has steadily declined, compared to 45.9 percent in 1974. However, the proportion for the 25-29 age group has been fairly stable with a slight upward trend. Mothers 30-34 years of age now constitute 11.8 percent. This is a relatively small proportion, but it has steadily climbed from 7.7 percent in 1974. Second order live births have also been postponed.

CHART 7

FIRST AND SECOND LIVE BIRTH ORDERS BY AGE OF MOTHER, PERCENT DISTRIBUTION
1974 - 1978 Resident Data



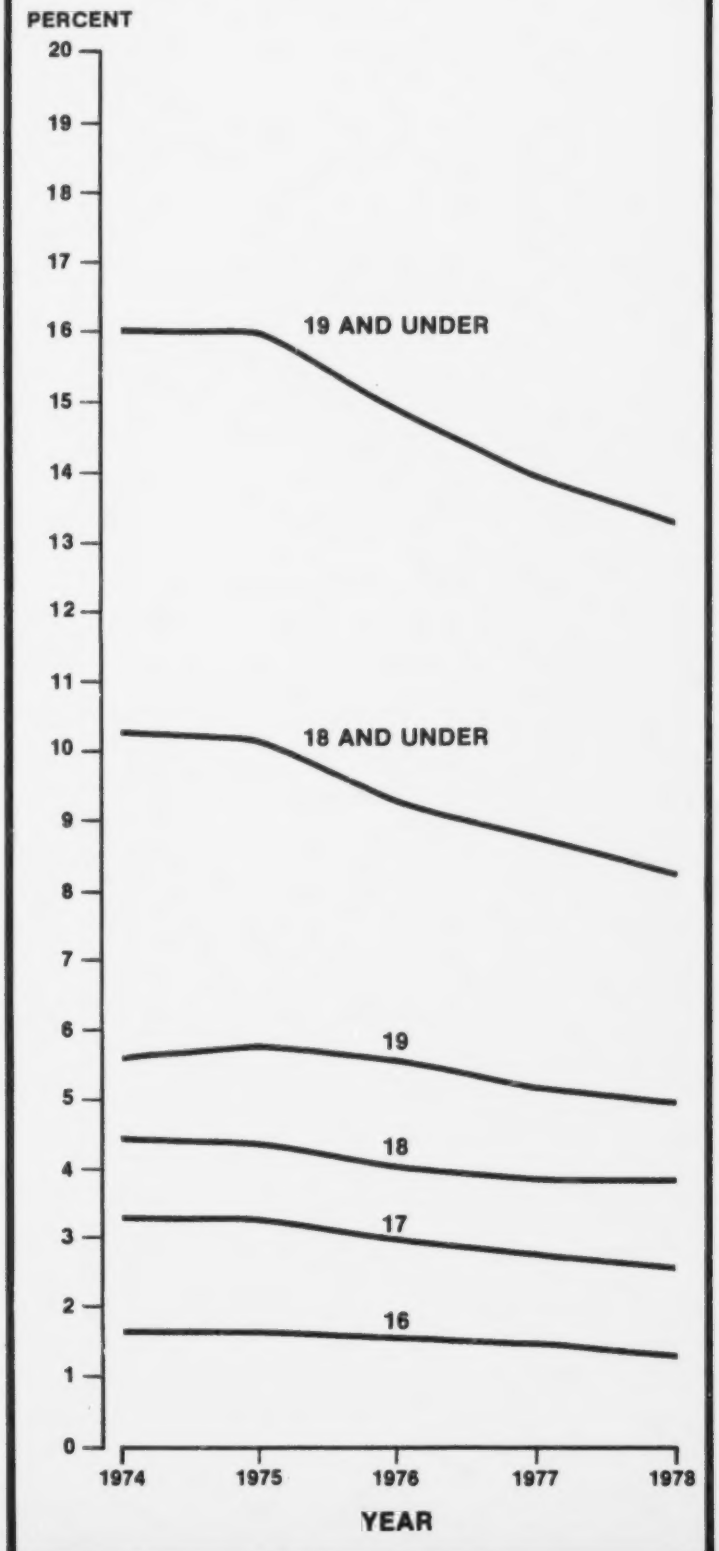
(AGE GROUPS FOR AGES UNDER 15 AND GREATER THAN 34 ARE NOT SHOWN)

There has been a steady decline in teenaged live births. Compared to 16.0 percent of all mothers in 1974-75, the proportion of mothers aged 19 and under has fallen steadily to 13.3 percent for 1978.

Moreover, excluding age 18, which is stable currently, every single year of age has decreased in percentage for each calendar year since 1975. Age 19 has had the largest decline, while age 16 has had the smallest decrease.

CHART 8

LIVE BIRTHS BY TEENAGED MOTHERS
AS PERCENTS OF TOTAL LIVE BIRTHS
1974 - 1978 Resident Data



There was a 3.1 percent upswing this year in the Heart Disease death rate, which had been continually dropping since 1972. Actually, excluding a jump in 1972, the rate had steadily declined from 422.2 per 100,000 population, in 1968, to 369.8 last year. In comparison to 1968, the current 381.4 rate is down by almost 41 deaths per 100,000 population, or nearly one-tenth, 9.7 percent.

During 1969-72, the Cancer death rate fluctuated downward by two deaths per 100,000 population, from 181.6 to 179.6. In contrast, the rate increased over the next four years to 192.1 in 1976. Since then the rate has fluctuated again. It was down to 184.8 last year, but up by 1.8 percent to the current 188.1 per 100,000 population This is nearly ten deaths higher than the 178.3 low rate in 1968. However, the current rate is four deaths lower than the peak rate for 1976.

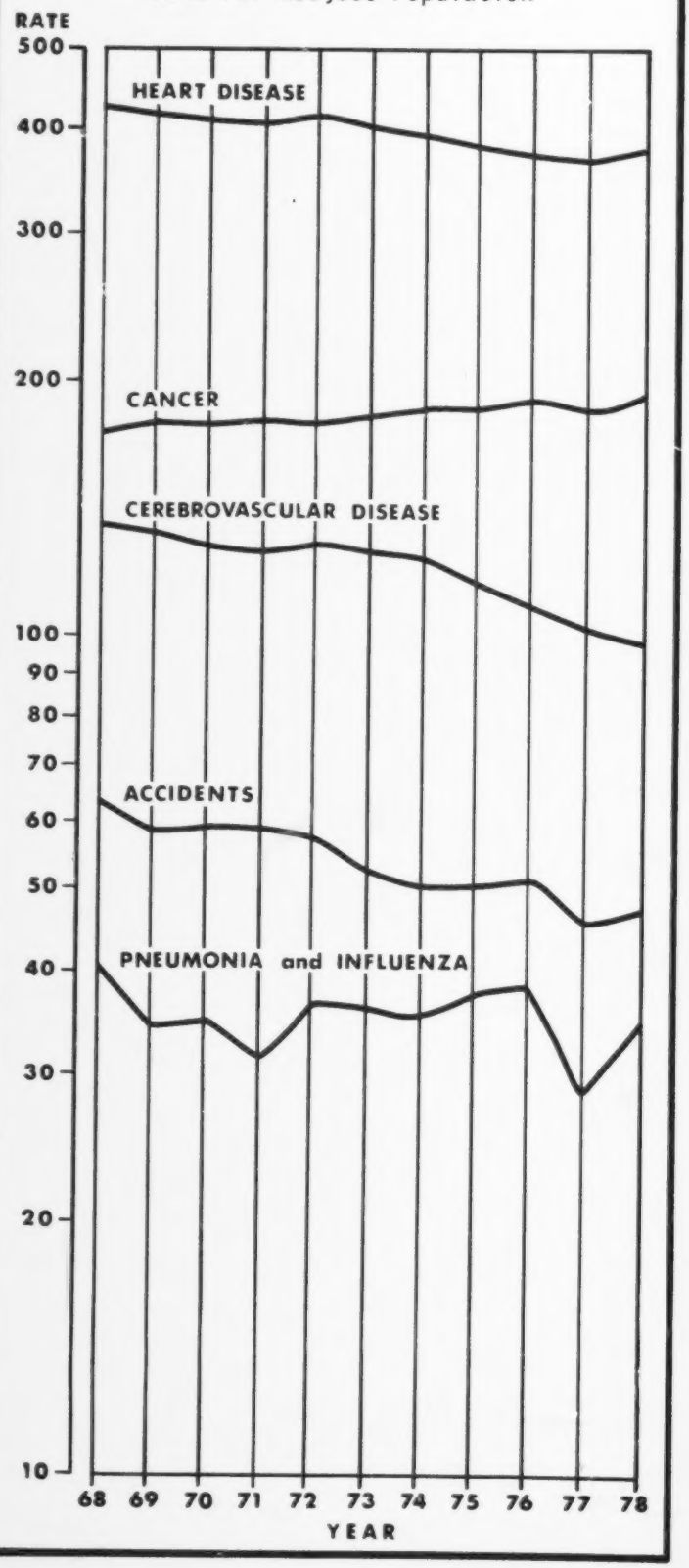
Compared with the 101.0 rate last year, the current 98.2 Cerebrovascular Disease death rate is down by 2.8 percent. This is the continuation of a steady decrease, excluding nearly stable rates in 1970-72, from 135.9 per 100,000 population in 1968. It has been a sharp 27.7 percent drop to the current rate. The largest yearly decrease was about one-tenth, 10.2 percent, in 1975- from 125.5 for the preceding year to 112.7.

Accidental deaths have dropped by almost one-fourth, 24.7 percent, since 1968. The current rate is 47.8 per 100,000 population as opposed to 63.5 ten years ago. In 1969, the decrease was a substantial 7.4 percent to 58.8, but the big drop was nearly one-tenth, 9.7 percent, for 1973. This was to 52.3 from 57.9 in 1972. However, the rate is up slightly this year, by 2.2 percent, compared to 45.6 last year.

Pneumonia and Influenza death rates fluctuate substantially. The highest rate during the period depicted was 40.3 at the beginning, which was 13.6 percent above the 34.8 current rate. The lowest rate was 28.5 for last year. In comparison, the current rate is up by a considerable 22.1 percent. However, rates for 1969 and 1974 were comparable to 1978.

CHART 9

RATES FOR SELECTED CAUSES OF DEATH
1968 - 1978 Resident Data
Rate Per 100,000 Population



Certain Causes of Mortality in Early Infancy again leads the list concerning deaths under age one. However, the proportion for this cause has been declining. It is currently 47.2 percent of all deaths under age one, compared to 52.3 for last year and 55.1 percent in 1976. "Certain Causes" includes complications of pregnancy and childbirth, birth injuries, respiratory conditions, immaturity, and hemorrhagic diseases. Congenital Anomalies, the other major cause of infant deaths (under age one), now constitutes 23.1 percent. This is comparable to the 23.6 percentage in 1977.

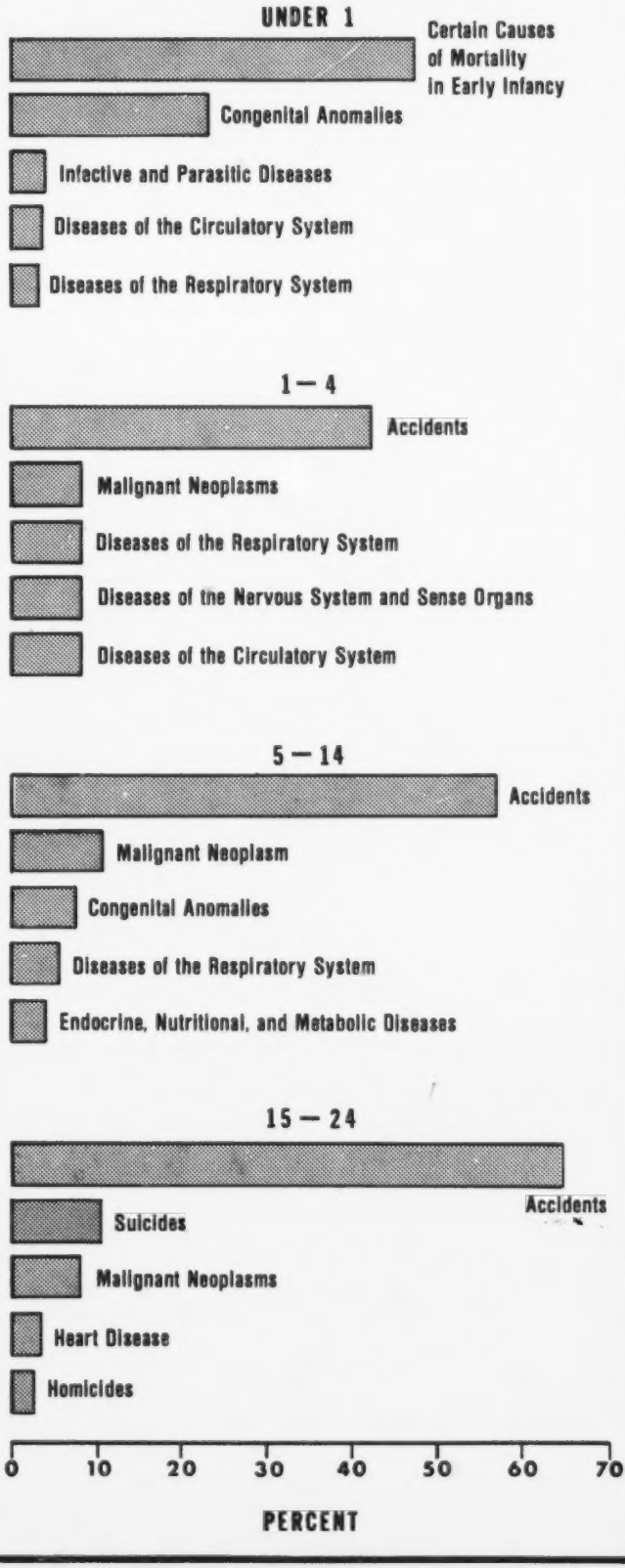
Accidents result in more deaths of persons aged 1 through 44 than any other cause. Accidents are up somewhat from 41.5 percent last year to a current 42.5 concerning children 1-4 years of age. Congenital Anomalies, which was second in 1977, has been replaced by Diseases of the Respiratory System.

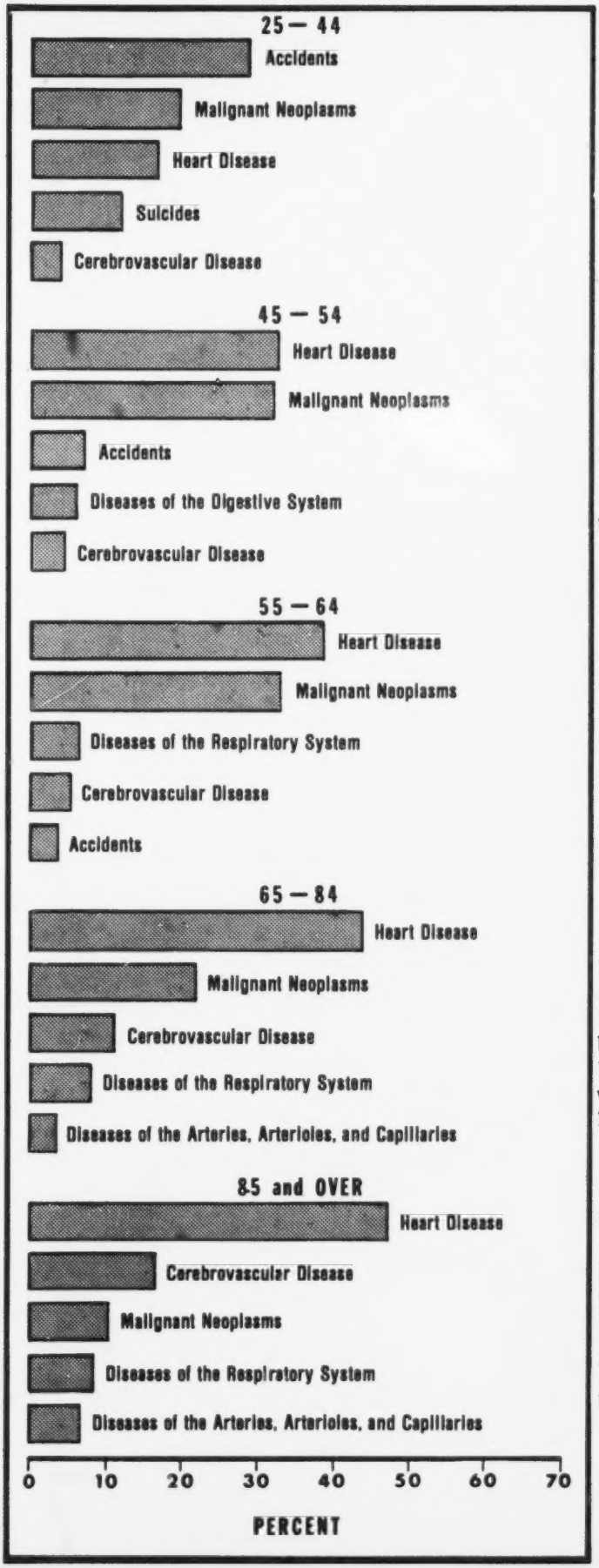
Within the 5-14 age group of children, Accidents are up considerably - 56.9 percent in 1978, compared to 53.6 for last year. Malignant Neoplasms, in contrast, have dropped from 17.9 a year ago to a current 10.6 percent. Congenital Anomalies has replaced Diseases of the Nervous System and Sense Organs as the third leading cause. In addition, the fourth and fifth leading causes have interchanged positions for this year, compared to the rankings in 1977.

Accidents have also increased considerably within the 15-24 age group. In 1977, the percentage was 59.7; it is currently 64.7 percent. Suicides, however, have decreased to a current 10.3 percent, in comparison to 13.4 last year. Malignant Neoplasms are up somewhat in percentage, from 6.7 to 7.9.

CHART 10

LEADING CAUSES OF DEATH
BY SELECTED AGE GROUPS
1978 Resident Data





Compared with 27.9 percent a year ago, Accidents have now increased slightly to 28.7 percent for persons 25-44. There is very little change concerning the second and third leading causes. However, Suicides have risen considerably from 9.4 percent last year to 11.4 percent for this year. In addition, Cerebrovascular Disease replaces Diseases of the Digestive System as the fifth leading cause.

Heart Disease is the first leading cause of death in the 45-54, and, all subsequent age groups. This cause retains about the same proportion for persons aged 45-54 as last year; currently it is 32.5, in comparison with 32.8 percent. Similarly, compared to 1977, the rankings are the same, and the proportions have changed by less than one percent for the remaining leading causes.

The current percentage for Heart Disease within the 55-64 age group is 38.7. This is up somewhat from 36.7 percent last year. In contrast, Malignant Neoplasms are down slightly from 33.5 to 32.6 percent. Concerning Diseases of the Respiratory System and Cerebrovascular Disease, the respective rankings are reversed now, compared with 1977. Also, Accidents has replaced Diseases of the Digestive System as the fifth leading cause.

In comparison with 1977, minimal have been the changes concerning persons 65-84 years of age. The rankings are identical and the proportions have all changed by less than one percent. Heart Disease now comprises 43.7 percent, while the percentage is 21.7 for Malignant Neoplasms.

Within the 85 and over age group, 46.9 percent of the deaths result from Heart Disease. This has decreased slightly from 47.6 percent a year ago. Similarly, the current 16.5 percentage for Cerebrovascular Disease is slightly below 17.6 percent in 1977. However, Cerebrovascular Disease becomes increasingly prominent after age 54, and is the second leading cause concerning the oldest persons.

Cerebrovascular disease, which primarily concerns the very old, is a more important cause of death among females than males. This corresponds with the greater longevity of females. General arteriosclerosis also causes a higher proportion of all female deaths, compared to total male deaths.

Males, in contrast, are more prone to violent causes of death such as accidents or suicides. In addition, bronchitis, emphysema, and asthma is, collectively, a more prominent cause of death among males.

CHART 11

TEN LEADING CAUSES OF DEATH AS PERCENTS OF TOTAL DEATHS FOR MALE AND FEMALE
1978 Resident Data

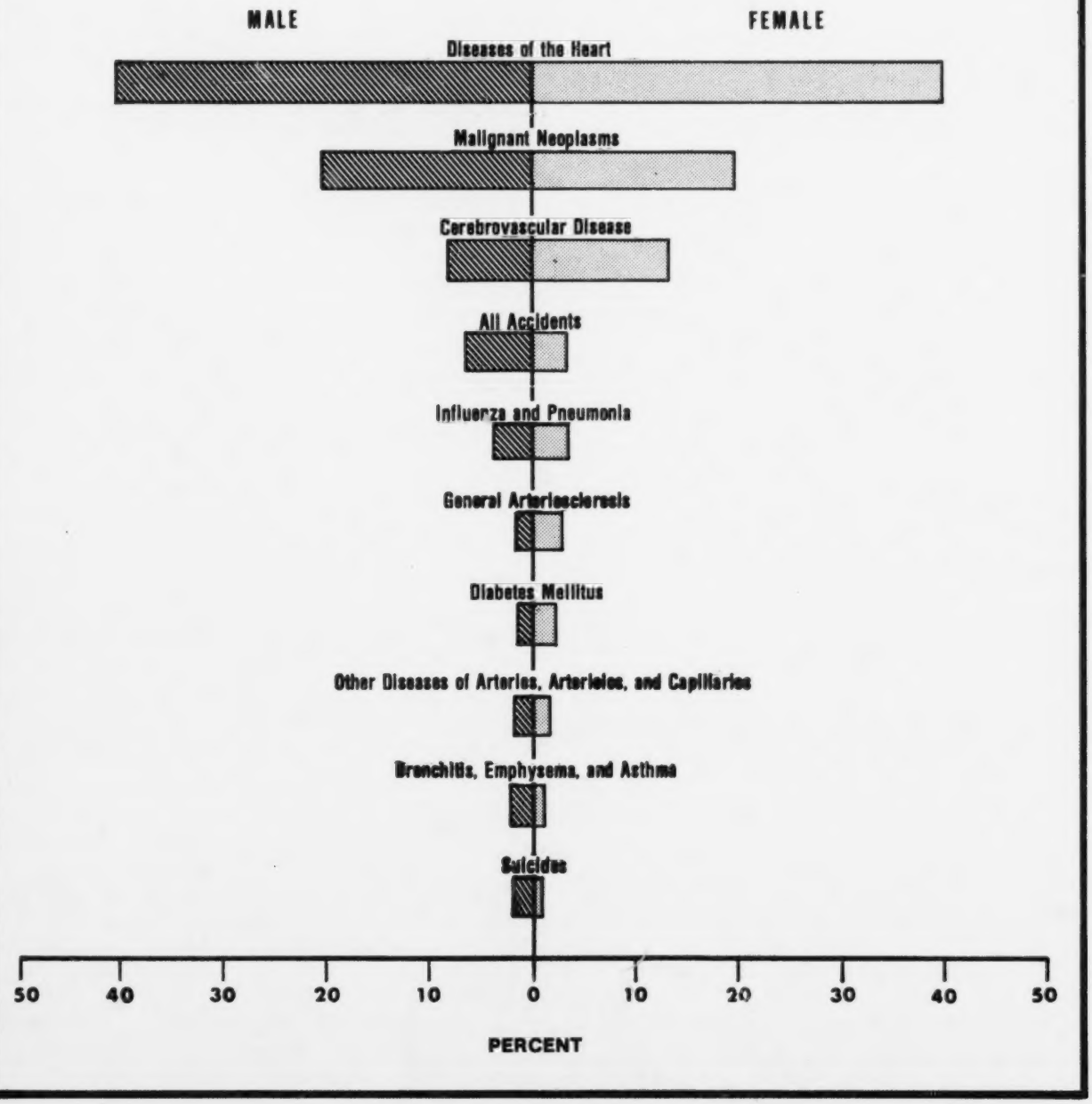
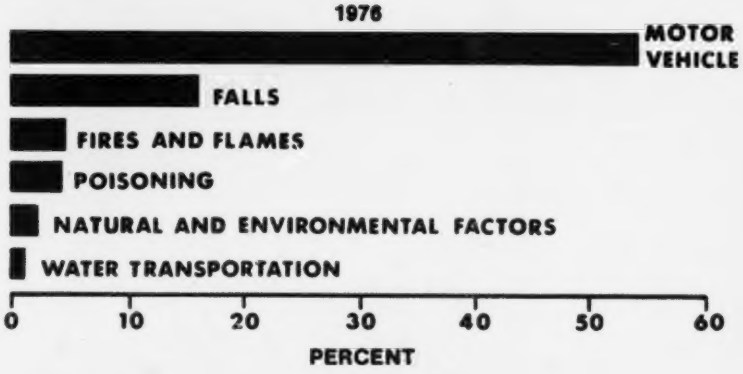


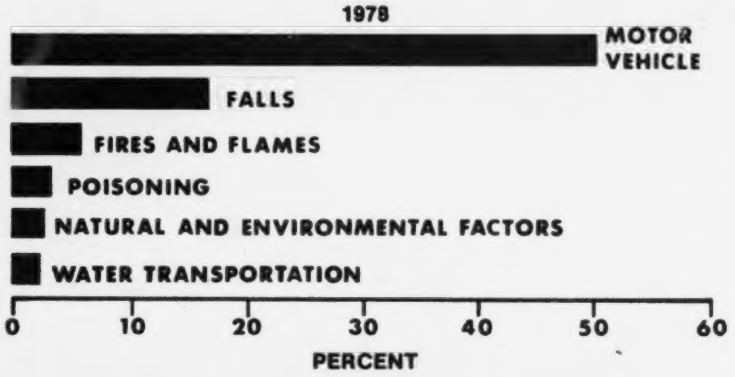
CHART 12

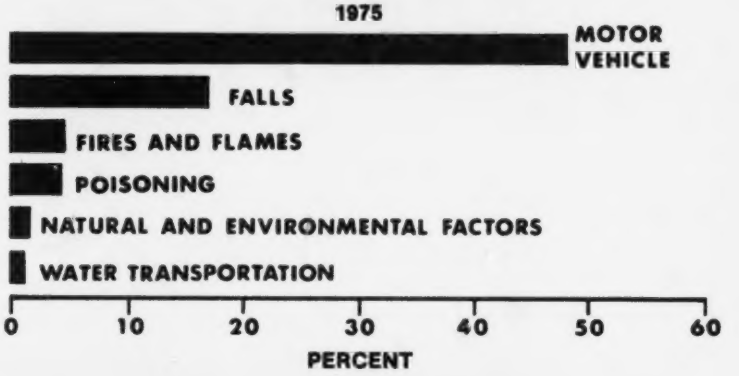
LEADING TYPES OF ACCIDENTAL DEATHS, PERCENT DISTRIBUTION
1974 - 1978 Resident Data

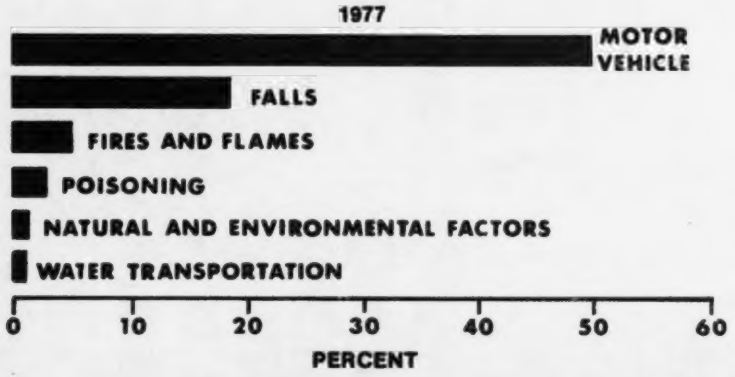
About one-half of all accidental deaths result from motor vehicle accidents. This proportion has ranged from 47.9 percent for 1975 to 53.9 percent in the following year. Currently, the proportion is exactly one-half, which is nearly identical to 49.6 percent last year.

Falls rank a distant second with 16.4 percent of all accidents this year, which is down somewhat from 18.5 percent a year ago. The highest proportion was nearly one-fifth, 19.0 percent, in 1974.









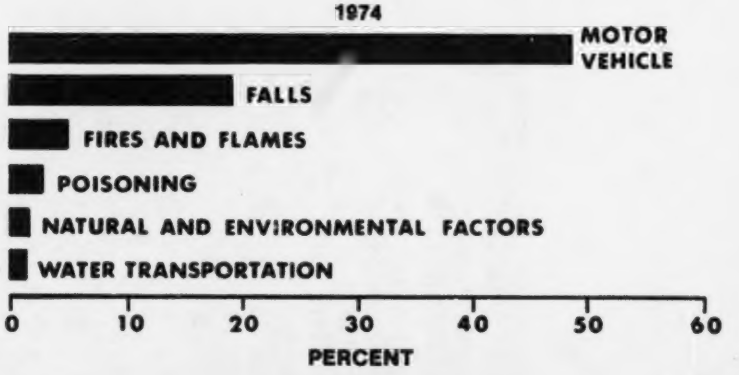
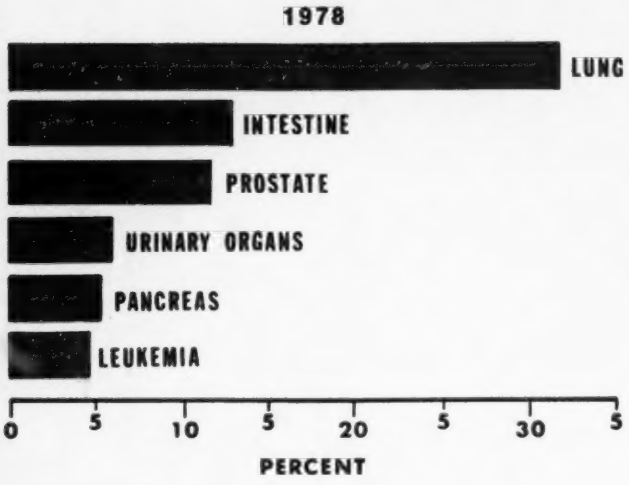
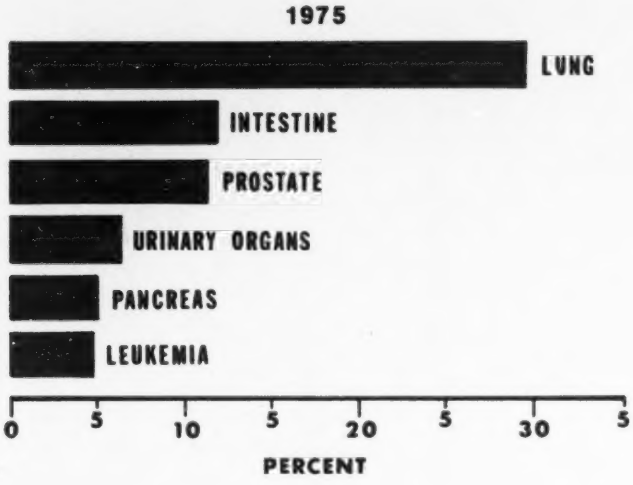
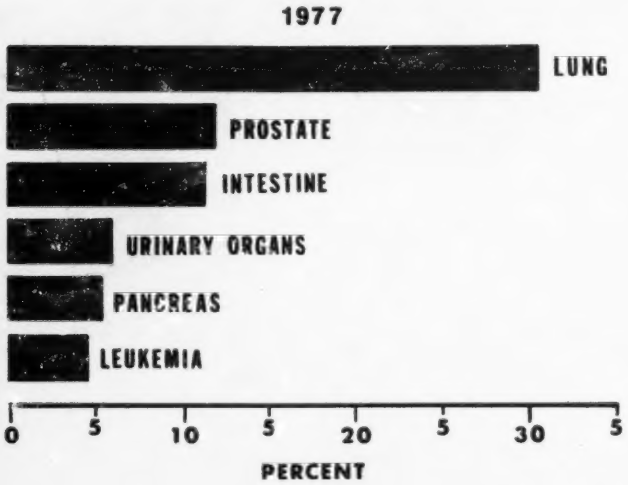


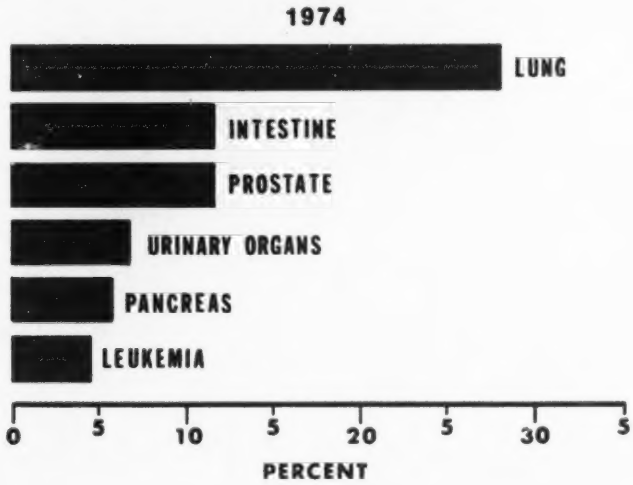
CHART 13

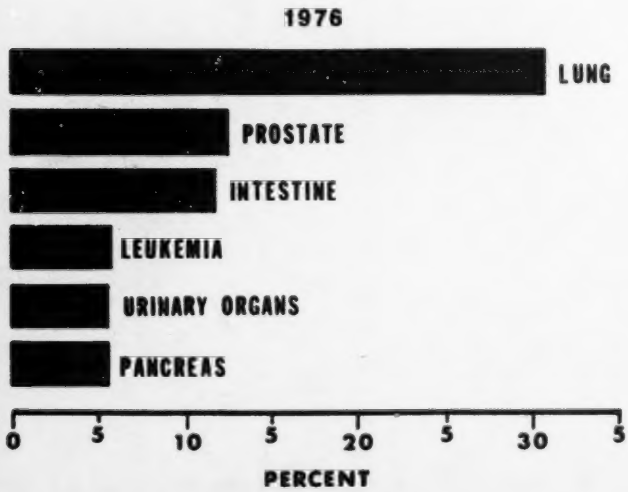
LEADING SITES AND LEUKEMIA, MALE MALIGNANT NEOPLASMS DEATHS, PERCENT DISTRIBUTION
1974 - 1978 Resident Data









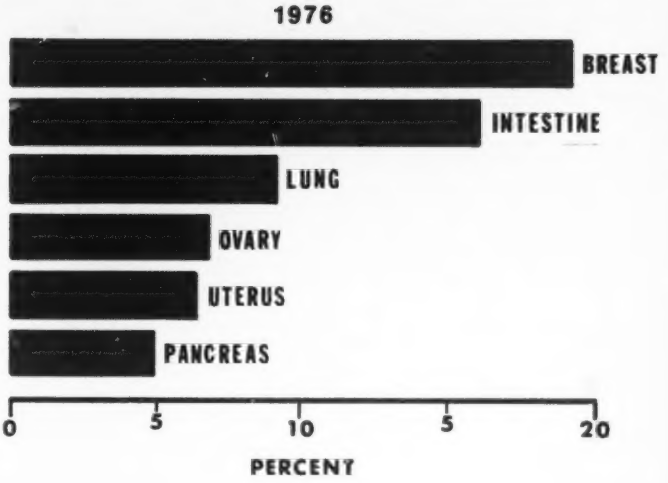


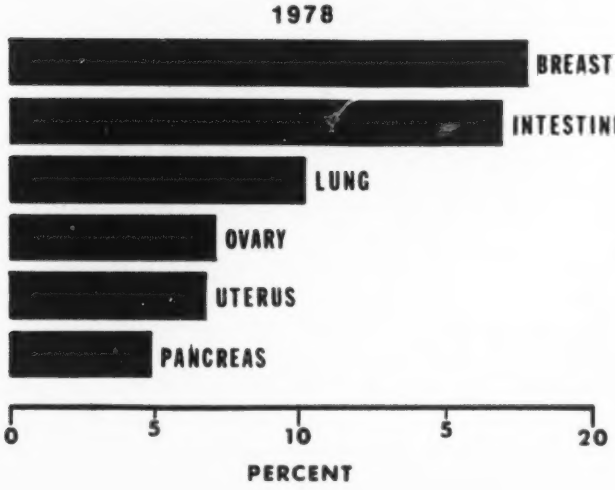
The predominant leading site is the lung, concerning male malignant neoplasms (cancer) deaths. Currently 31.6 percent of all male cancer deaths are of the lung. This proportion has almost steadily increased from 28.0 percent in 1974 - it decreased very slightly in 1977. Cancer of the intestine now comprises 12.6 percent, which is up somewhat, compared to 11.3 percent last year; it was very stable during 1974-1977. Prostate Cancer has also been very stable, excluding a 12.3 percentage in 1976; this is 11.5 percent for 1978.

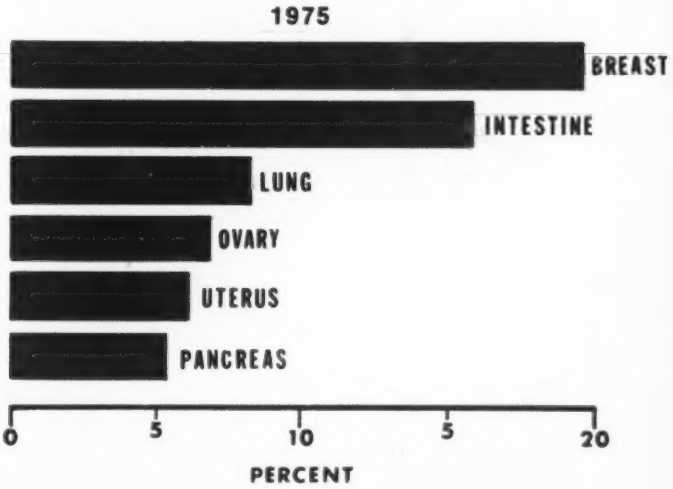
CHART 14

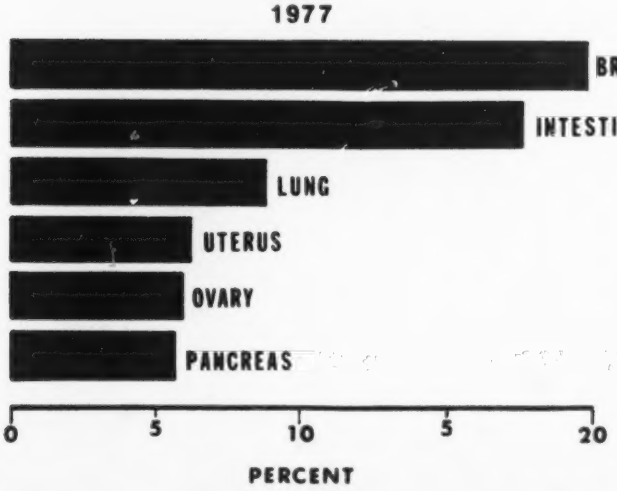
LEADING SITES, FEMALE MALIGNANT NEOPLASM DEATHS, PERCENT DISTRIBUTION
1974 - 1978 Resident Data

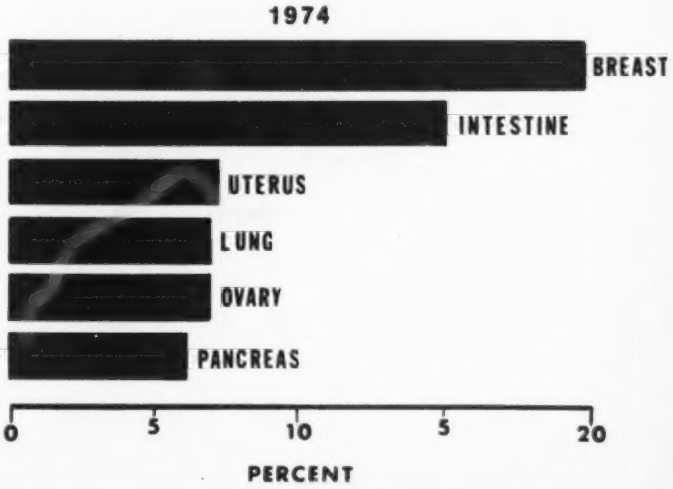
Cancer of the breast had constituted nearly one-fifth of all female cancer deaths during 1974-77. However, the current 17.7 percentage is down considerably, in comparison to 19.8 percent last year. Increasing steadily from 15.0 percent in 1974 to a percentage of 17.6 a year ago, cancer of the intestine decreased slightly to 16.9 percent for 1978. Lung cancer has steadily increased, excluding a dip last year. In 1974, the percentage was 6.9; it currently is 10.1 percent, or about one of ten female cancer deaths.









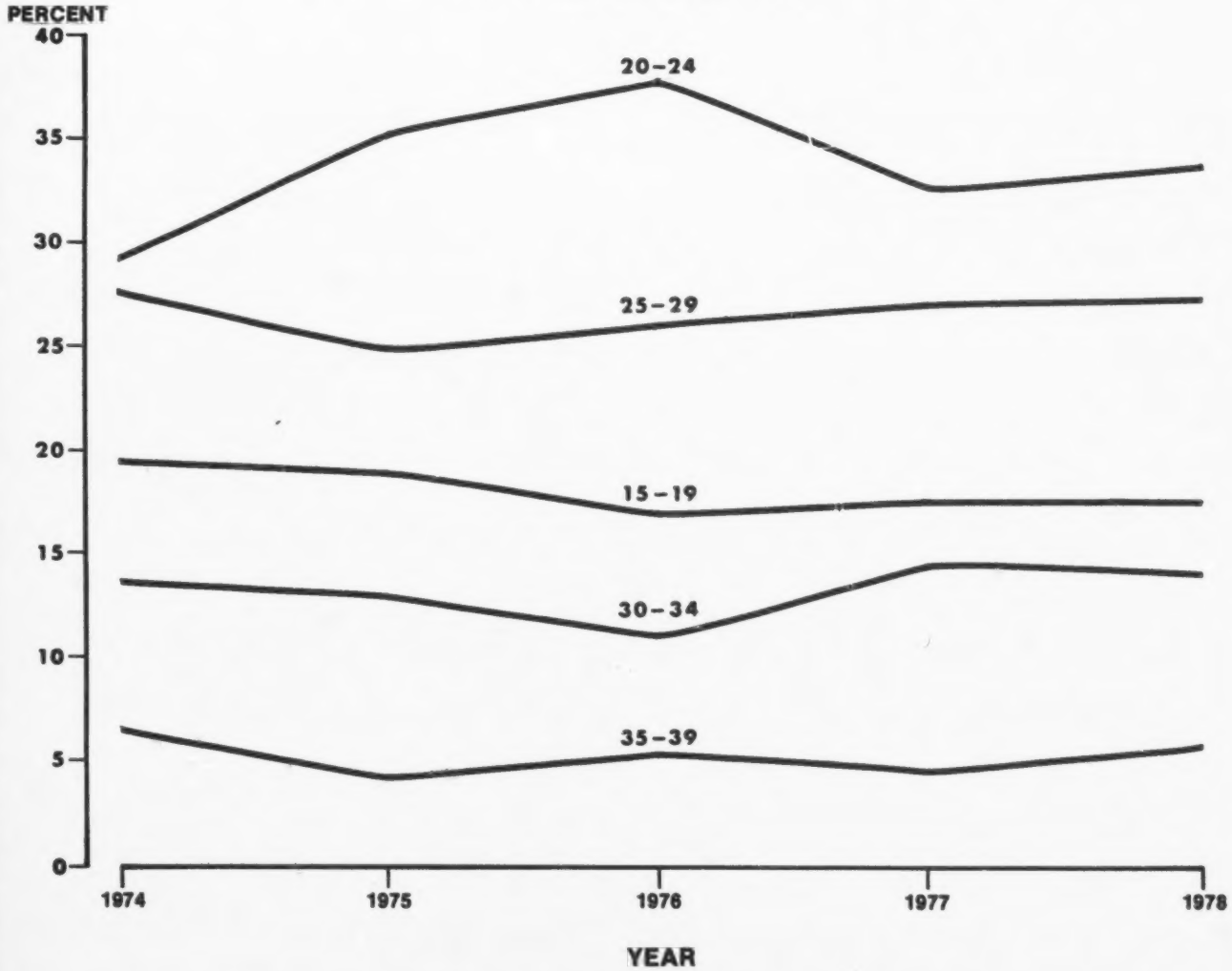


Considering the age of mothers bearing fetal deaths:

- The 20-24 age group constituted 29.2 percent of all mothers at the beginning of the period depicted. This steadily increased to a 37.8 percent peak in 1976. Then the percentage dropped to 32.7 last year, which was slightly below the current 33.7 percent
- Age 25-29, after a drop from 27.6 percent in 1974 to 24.9 the following year, has continuously risen to 27.3 percent.
- Concerning mothers aged 15-19, the proportion has been fairly stable since 1976. This was preceded by a steady decline from 19.6 percent in 1974 to 17.0 for 1976.
- The 30-34 age group also decreased steadily from 13.7 percent in the initial year of the period to 11.6 percent for 1976. This jumped to 14.5 percent last year - the current 14.1 percentage is down slightly.

CHART 15

FETAL DEATHS BY AGE OF MOTHER, PERCENT DISTRIBUTION
1974 - 1978 Resident Data



(AGE GROUPS UNDER 15 AND OVER 39 ARE NOT DEPICTED)

The infant death rate has fluctuated to a peak of 14.4 per 1,000 live births for 1976. In comparison to that peak rate, the current 12.5 rate is down by 13.2 percent. Last year the rate was 12.4, which is the lowest during the period depicted.

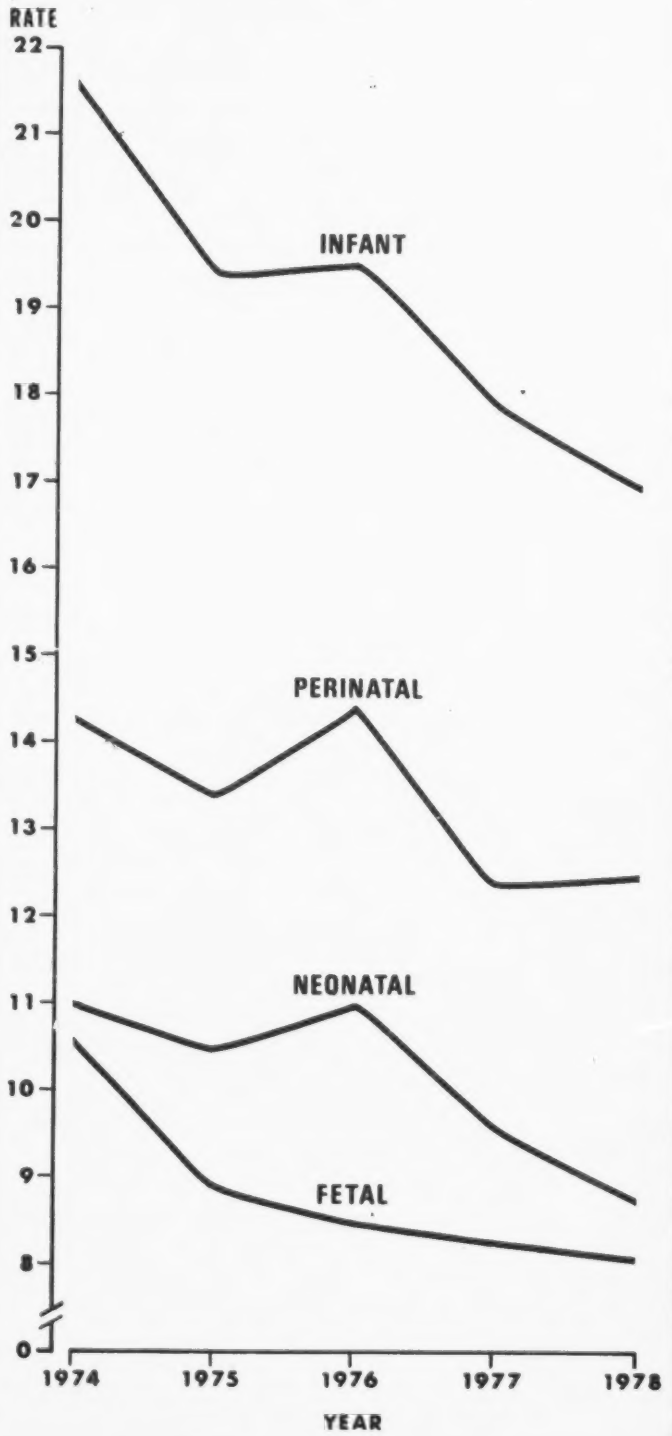
Perinatal deaths, which are the sum of neonatal and fetal deaths, have declined by 21.3 percent in rate, compared to the 21.6 rate for 1974. This decrease to the current 17.0 rate per 1,000 live births has been steady, excluding a slight upswing in 1976.

Neonatal deaths have almost continuously decreased in rate throughout the five year period. The only exception was an increase from 10.5 in 1975 to 11.0 for the following year. Since 1976, the rate has declined by one-fifth to a current 8.8 per 1,000 live births.

Following a remarkable drop of 16.0 percent in 1975, the fetal death rate decreased steadily by 9.0 percent from 8.9 per 1,000 Live births to 8.1 in 1978. This current rate is 23.6 percent below the 10.6 rate at the beginning of the period.

CHART 16

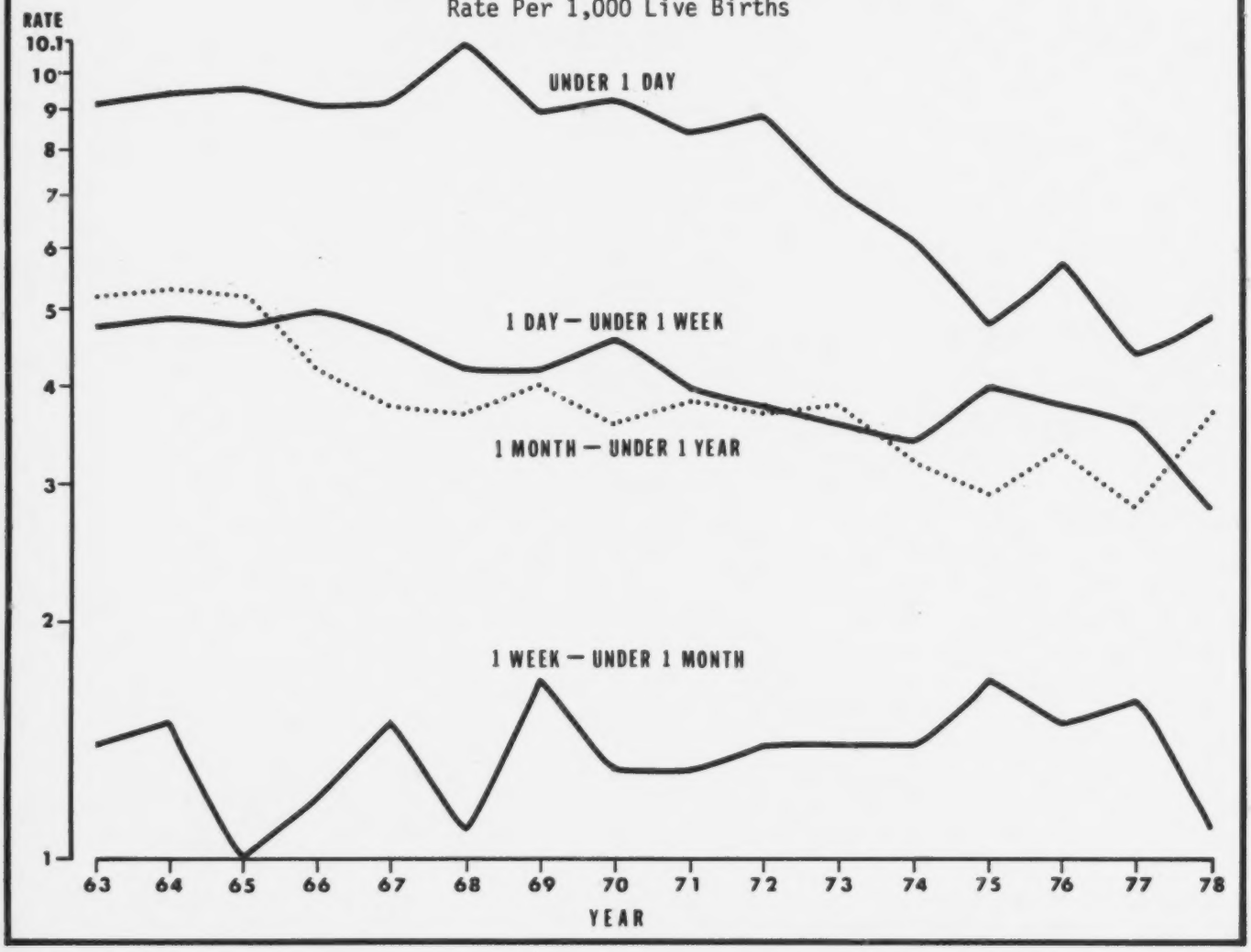
PERINATAL, INFANT, NEONATAL, AND FETAL DEATH RATES
1974 - 1978 Resident Data
Rate Per 1,000 Births



Perinatal: Neonatal plus Fetal

CHART 17

INFANT DEATH RATES BY SUBDIVISION OF THE FIRST YEAR OF LIFE
1963 - 1978 Resident Data
Rate Per 1,000 Live Births



The risk of death during the first day has been considerably lower since 1972. However, the current 4.9 rate is up somewhat, compared to 4.4 per 1,000 live births last year; actually, since 1975, the rate has fluctuated. This is in contrast to a steady decline during 1973-1975.

Concerning the 1 day to under 1 week subdivision, the rate had been fairly stable at just under 5.0 during 1963-1967. Fluctuating downward somewhat, it was slightly above 4.0 from 1968 through 1971. Since then it had been again fairly stable, at slightly under 4.0; until it dropped to 2.8 this year from 3.6 in 1977.

In general, the rate for the 1 month-under 1 year category was stable at just below 4.0 during 1967-73. Subsequently it fluctuated downward to 2.8 for last year. However, this rate has jumped to the current 3.7 per 1,000 live births.

The lowest death rate is during the 1 week to under 1 month period. Currently this rate is 1.1, which is the lowest since 1968. In contrast, the rate had been very stable during 1970-74, increased from 1.4 to 1.7, and was stable again during 1975-77.

Grooms who are married in Iowa are becoming older:

- There has been a marked steady drop in the proportion aged 15-19. It was 18.5 percent in 1974, but is is only 12.1 currently.
- The percentage for the 20-24 age group has steadily decreased from 46.9 to a current 43.9 percent since 1975.
- Now about one-fifth, 20.2 percent, of the grooms are 25-29; the proportion was the same last year. This has risen continuously from 16.6 percent in 1974.

Brides also are becoming older:

- During the five year period, the 15-19 age group has declined steadily in percentage from 37.5 to 28.5.
- For brides aged 20-24 the proportion has been very stable since 1975 - currently it is 40.5 percent.
- However, there has been a sharp continuing increase from 9.7 percent to 14.2 concerning the 25-29 age group during 1974-1978.
- Although not depicted, both grooms and brides, aged 30-34, have constituted a steadily increasing proportion since 1974 (see table 34).

CHART 18

MARRIAGES BY GROOM AND BRIDE BY SELECTED AGE GROUPS, PERCENT DISTRIBUTION
1974 - 1978 Occurrence Data

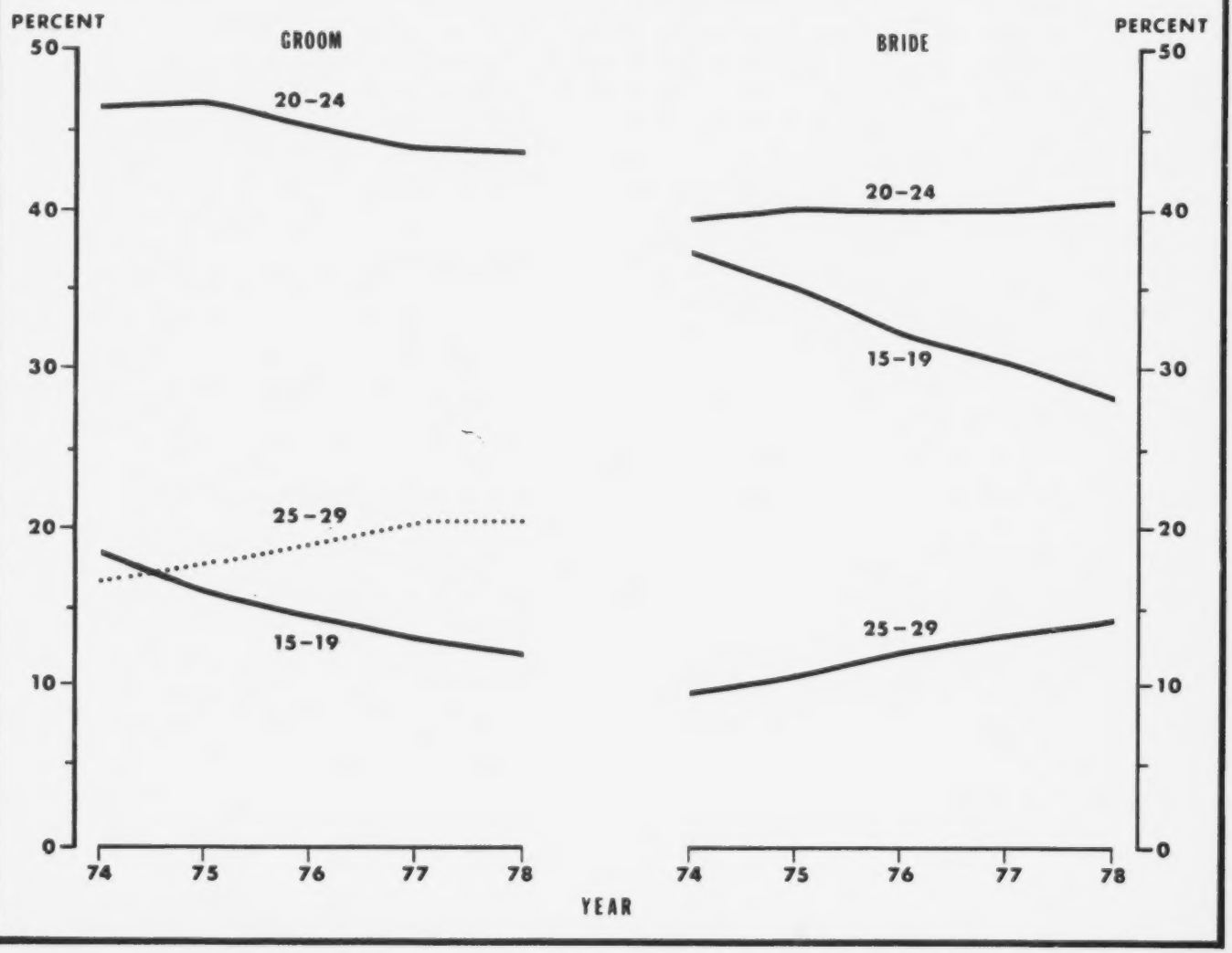
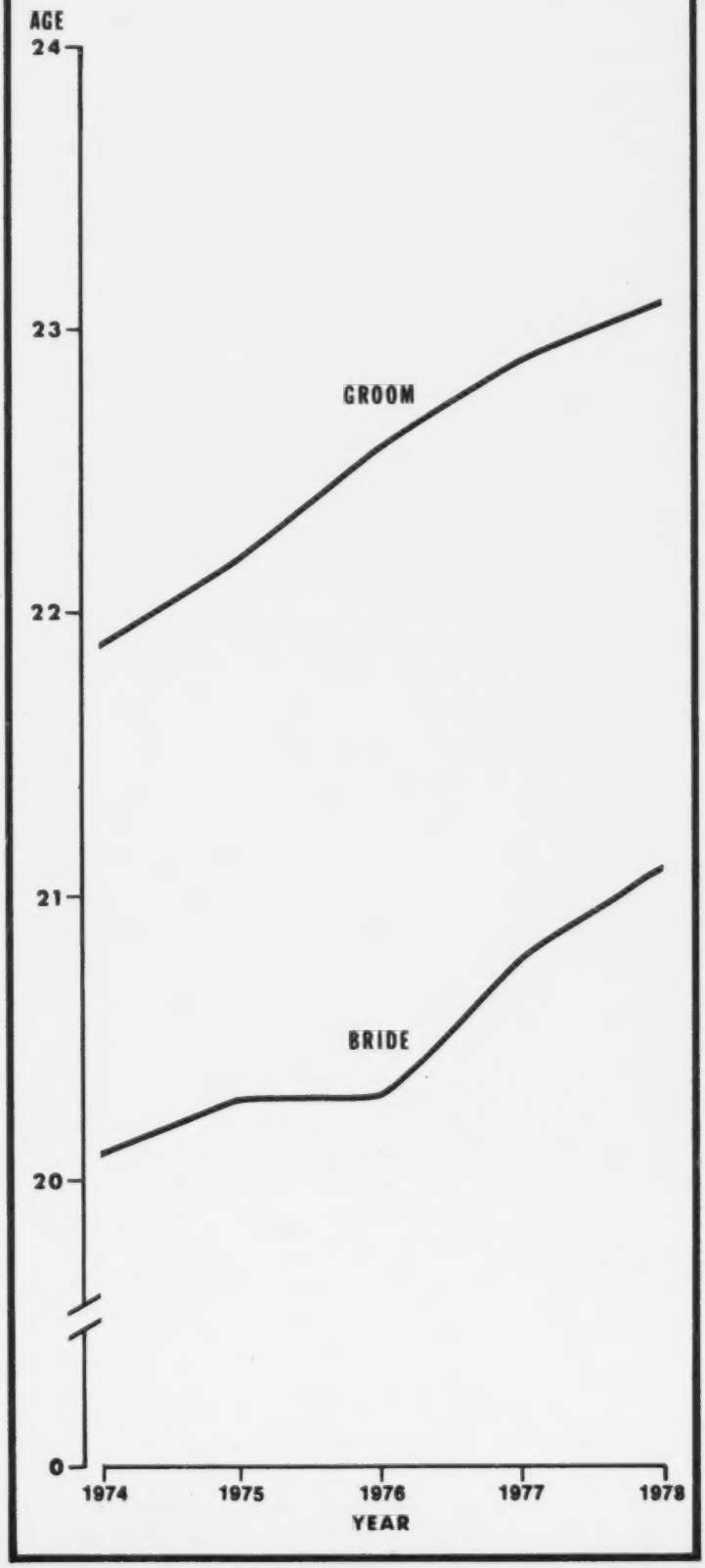


CHART 19

MARRIAGES BY MEDIAN AGE OF GROOM AND BRIDE
1974 - 1978 Occurrence Data



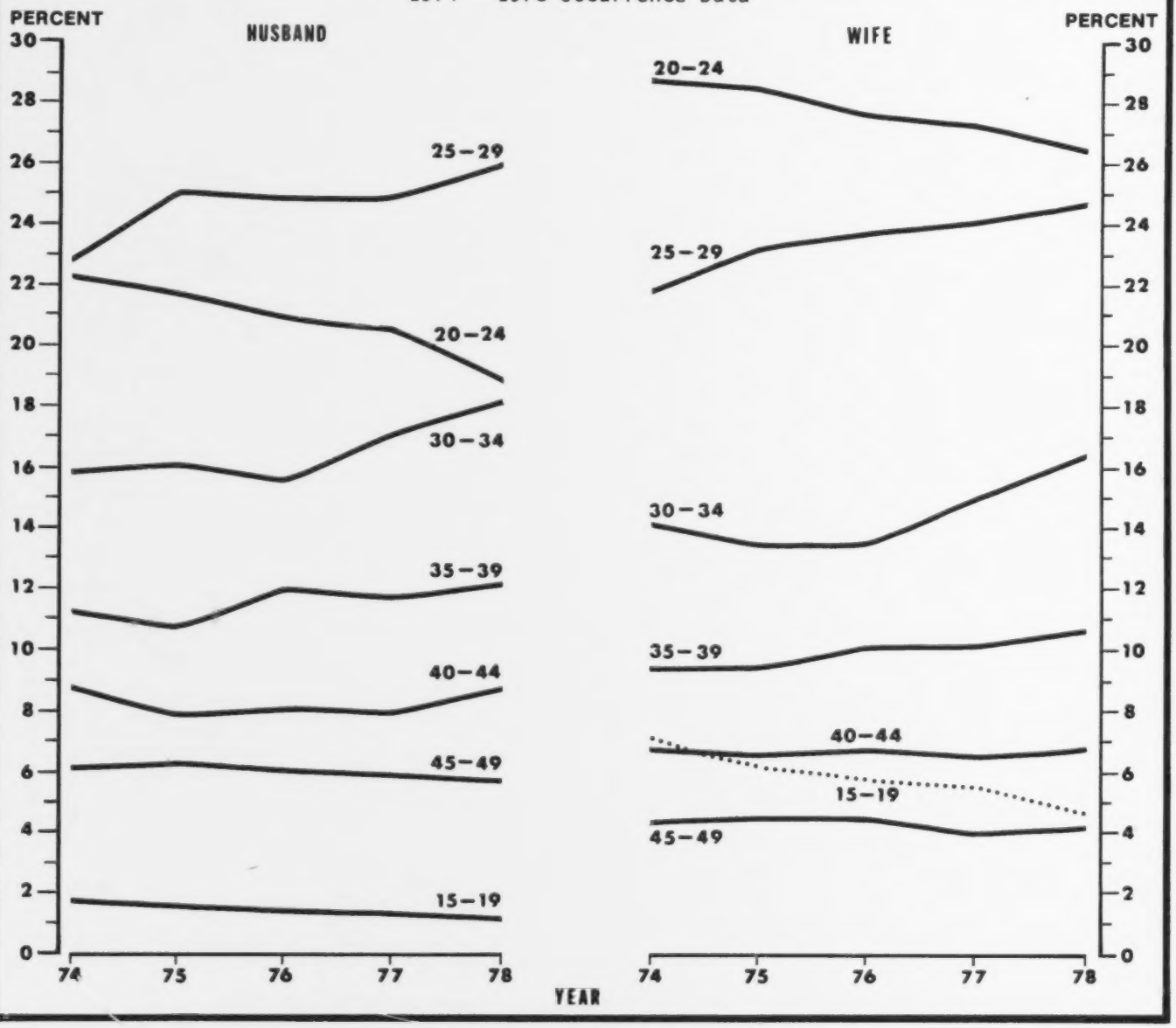
Currently the 23.1 median age of grooms is 1.2 years older than the 21.9 median age in 1974.

Concerning brides, the median age is now one year older, 21.1 in comparison to 20.1 at the beginning of the period.

These increases in median ages are probably related to the high divorce rate and resulting large numbers of remarriages.

CHART 20

DISSOLUTIONS BY HUSBAND AND WIFE BY SELECTED AGE GROUPS, PERCENT DISTRIBUTION
1974 - 1978 Occurrence Data



Husbands experiencing dissolutions have been somewhat older in recent years. The proportion for the 20-24 age group has steadily decreased from 22.3 percent in 1974 to a current 18.9 - one half of the decline occurred this year. During 1975-77, the percentage of husbands aged 25-29 had been very stable at about 25.0 percent. However, it is up slightly to 26.0 percent this year. Moreover, the 30-34 age group has increased continually since 1976 from 15.6 to the current 18.2 percent.

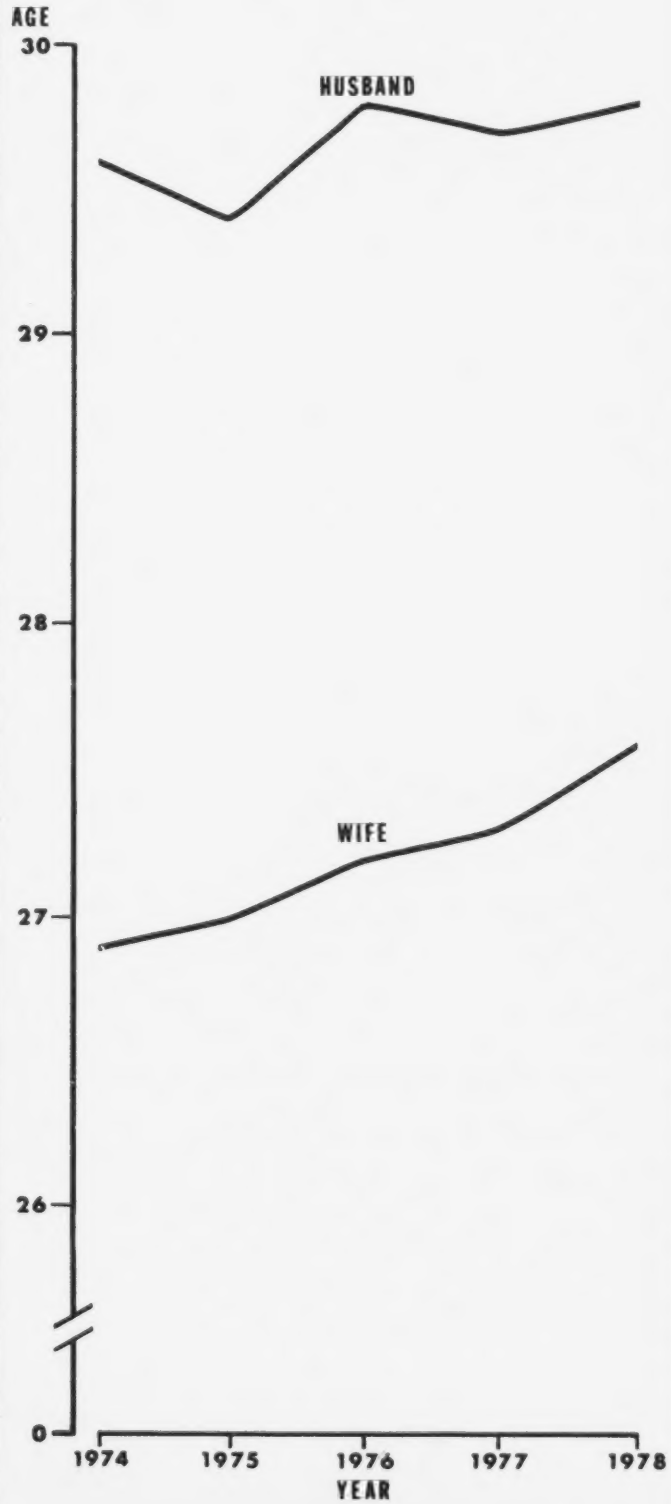
Since 1974, the proportion for wives 20-24 years of age has steadily decreased from 28.8 to 26.5 percent. In contrast, the 25-29 age group has continuously risen. At the beginning of the period, the percentage was 21.8; it is now 24.7 percent. Age 30-34 has also steadily increased, from 13.5 to 16.5 percent since 1976. The wives involved in dissolutions are also older now.

The median age of husbands, dissolving their marriages, has been very stable since 1976. However, the current 29.8 median is up slightly, compared to 29.6 at the beginning of the period.

In contrast, the median age of the wives has moved slightly upward in each year since 1974. It was 26.9 four years ago in comparison to 27.6 this year.

CHART 21

DISSOLUTIONS BY MEDIAN AGE OF HUSBAND AND WIFE
1974 - 1978 Occurrence Data



Dissolutions of marriage with shorter durations are down slightly. Conversely, marriages having longer durations, which have been dissolved, are up somewhat.

- The under 1 duration decreased slightly to 4.3 percent last year from 5.3 percent in 1976. Currently, the percentage is 4.8, which is also down, compared to the stable proportions during 1974-76.

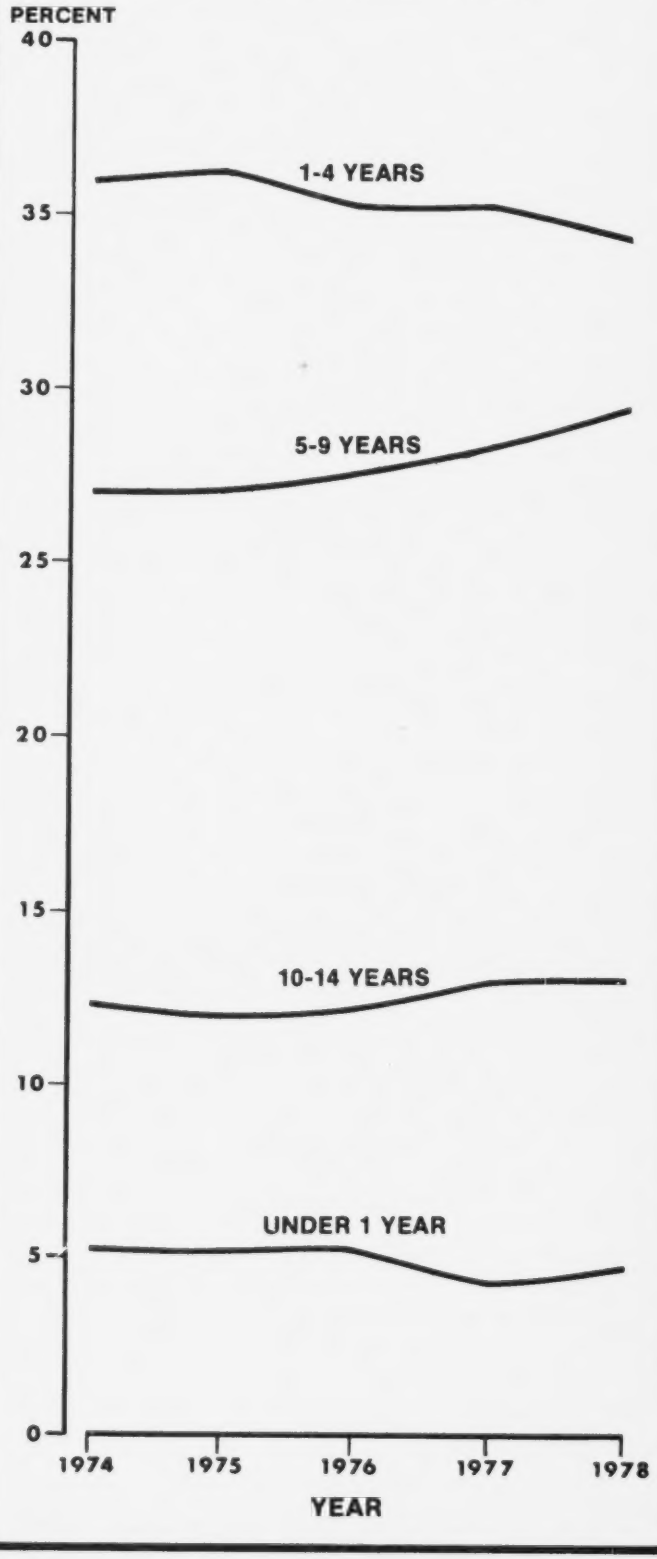
- Concerning the 1-4 years duration, the current percentage is 34.4. It is down in comparison to 36.3 percent for 1975. This decreased to 35.2 percent the following year, and stabilized in 1977.

- Compared to 27.0 percent in 1974-75, the 5-9 years category has steadily risen in percentage to 29.5 for this year.

- Relative stability characterized the 10-14 years duration during 1974-76. However, the proportion increased from 12.2 percent in 1976 to 13.1 for last year and 1978.

CHART 22

DISSOLUTIONS BY SELECTED DURATIONS OF MARRIAGE, PERCENT DISTRIBUTION
1974 - 1978 Occurrence Data



TABLES

Symbols

Data not available	- - -
Category not applicable	. . .
Quantity zero	-
Quantity greater than zero but less than 0.05	0.0

TABLE 1

SUMMARY OF VITAL STATISTICS BY EVENT BY MONTH
1978 RESIDENT DATA

EVENT	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NATALITY													
LIVE BIRTHS													
TOTAL	44,559	3,703	3,343	3,757	3,418	3,640	3,714	3,912	3,985	3,801	3,877	3,674	3,734
MALE	23,035	1,882	1,717	1,928	1,804	1,896	1,939	2,055	2,012	1,993	2,005	1,877	1,927
FEMALE	21,524	1,821	1,626	1,829	1,614	1,744	1,775	1,857	1,974	1,808	1,872	1,797	1,807
WHITE	43,105	3,596	3,254	3,628	3,304	3,507	3,588	3,768	3,873	3,676	3,744	3,552	3,615
MALE	22,282	1,825	1,675	1,850	1,754	1,832	1,876	1,982	1,951	1,932	1,930	1,816	1,859
FEMALE	20,823	1,771	1,579	1,778	1,550	1,675	1,712	1,786	1,922	1,744	1,814	1,736	1,756
NONWHITE	1,454	107	89	129	114	133	126	144	113	125	133	122	119
MALE	753	57	42	78	50	64	63	73	51	61	75	61	58
FEMALE	701	50	47	51	64	69	63	71	62	64	58	61	61
OUT OF WEDLOCK LIVE BIRTHS	4,116	327	304	370	306	335	383	394	376	321	359	337	384
MORTALITY													
DEATHS	27,417	2,802	2,263	2,314	2,262	2,262	2,302	2,184	2,220	2,114	2,361	2,301	2,302
SEX													
MALE	14,724	1,499	1,180	1,222	1,230	1,216	1,109	1,208	1,155	1,160	1,207	1,261	1,267
FEMALE	12,693	1,303	1,083	1,092	1,032	1,046	893	976	1,065	954	1,154	1,040	1,035
COLOR													
WHITE	27,085	2,768	2,243	2,281	2,233	2,233	1,971	2,164	2,195	2,120	2,333	2,275	2,269
NONWHITE	332	34	20	33	29	29	31	20	25	24	28	26	33
MARITAL STATUS													
SINGLE	3,628	325	293	322	290	314	288	326	313	287	312	277	281
MARRIED	12,472	1,263	1,003	1,042	1,040	1,016	910	1,035	1,039	958	1,077	1,027	1,092
WIDOWED	9,992	1,070	857	864	830	805	721	718	785	782	854	896	820
DIVORCED	1,289	140	106	85	97	126	75	98	112	117	118	110	105
NOT STATED	36	4	4	1	5	1	8	7	1	-	-	1	4
FAMILY FORMATION AND DISSOLUTION (1)													
MARRIAGES	28,030	1,190	1,390	1,487	2,222	2,528	3,551	2,946	3,205	2,993	2,174	1,934	2,260
DISSOLUTIONS	11,123	929	848	1,013	853	979	939	838	915	944	1,000	917	937

(1) OCCURRENCE DATA.

TABLE 2

POPULATION, LIVE BIRTHS (TOTAL AND OUT OF WEDLOCK), DEATHS (TOTAL, INFANT, NEONATAL, FETAL AND MATERNAL), MARRIAGES AND DISSOLUTIONS, BY YEAR
1915-1978

YEAR	POPULATION (JULY 1)	LIVE BIRTHS		DEATHS					SOCIAL CATEGORIES	
		TOTAL	OUT OF WEDLOCK	TOTAL	INFANT	NEONATAL	FETAL	MATERNAL	MARRIAGES	DISSOLUTIONS
1978	2,896,000	44,559	4,116	27,417	559	394	362	1	28,030*	11,123*
1977	2,888,000	44,398	3,950	26,750	556	431	373	5	26,419	10,890
1976	2,874,000	41,570	3,437	27,825	597	458	352	4	25,727	10,817
1975	2,861,000	41,360	3,343	28,058	556	434	369	5	25,615	10,304
1974	2,856,000	40,179	2,959	28,730	573	443	424	5	27,209	9,480
1973	2,863,000	38,898	3,124	29,229	620	473	363	2	27,543	9,151
1972	2,884,000	40,960	3,146	29,907	731	578	414	4	26,603	8,471
1971	2,860,000	45,171	3,273	29,475	791	620	481	4	25,819	7,772
1970	2,830,000	48,406	3,495	29,356	908	733	480	10	24,648	7,188
1969	2,805,000	47,235	3,065	29,345	894	706	482	11	24,686	6,995
1968	2,803,000	46,737	2,960	29,852	894	721	534	6	24,597	6,511
1967	2,793,000	47,217	2,533	28,849	908	727	559	6	22,396	6,064
1966	2,762,000	48,641	2,423	29,611	949	745	533	9	21,133	5,571
1965	2,742,000	50,970	2,224	29,394	1,048	785	579	9	20,247	5,258
1964	2,746,000	55,443	2,001	29,157	1,178	884	603	13	20,232	5,091
1963	2,747,000	57,840	1,777	29,266	1,189	887	681	8	19,487	5,003
1962	2,750,000	61,003	1,637	28,632	1,205	915	679	8	18,981	4,739
1961	2,756,000	63,408	1,672	28,158	1,304	986	728	15	21,962	4,777
1960	2,756,000	64,050	1,476	28,741	1,399	1,068	764	13	24,774	4,483
1959	2,745,000	64,473	1,453	28,317	1,388	1,075	760	15	25,116	4,594
1958	2,731,000	62,173	1,305	27,718	1,417	1,082	763	24	23,958	4,299
1957	2,742,000	63,497	1,182	27,917	1,324	1,012	782	12	23,840	4,134
1956	2,718,000	63,213	1,161	26,517	1,307	1,009	838	13	25,270	4,850
1955	2,684,000	63,624	1,208	26,672	1,401	1,076	769	23	24,493	5,195
1954	2,631,000	63,069	1,098	25,602	1,340	1,031	835	25	23,228	5,217
1953	2,637,000	62,521	1,043	26,715	1,355	1,046	870	20	23,180	5,253
1952	2,629,000	64,091	1,007	26,464	1,588	1,198	840	23	22,600	5,596
1951	2,620,000	56,123	1,062	26,287	1,648	1,281	922	35	24,331	5,225
1950	2,621,000	62,550	1,055	26,940	1,547	1,185	936	36	27,603	5,404
1949	2,578,000	61,765	1,075	26,040	1,582	1,257*	963	34	25,515	5,482
1948	2,543,000	60,396	1,084	25,935	1,609	1,247	907	43	28,595	5,609
1947	2,509,000	63,536	1,153	26,307	1,809	1,435	1,008	57	30,002	6,743
1946	2,467,000	55,743	1,066	25,408	1,656	1,334	977	54	32,434	9,886
1945	2,308,000	44,497	915	25,505	1,348	1,021	819	76	21,264	7,667
1944	2,301,000	45,263	690	25,068	1,500	1,102	887	80	17,121	5,138
1943	2,334,000	46,579	676	25,319	1,580	1,157	935	76	13,566	5,265
1942	2,439,000	47,671	694	24,265	1,603	1,197	967	95	13,085	4,777
1941	2,491,000	45,485	719	24,879	1,650	1,187	966	123	25,936	5,144
1940	2,537,000	44,347	657	25,539	1,616	1,143	986	151	48,352	4,778
1939	2,520,000	42,985	767*	25,845	1,667	1,153	1,011	127	36,862	4,692
1938	2,494,000	42,931	814	25,002	1,745	1,184	1,077	140	31,964	4,541
1937	2,498,000	42,074	828	26,492*	1,863*	1,213	1,088*	189*	25,892	4,700
1936	2,509,000	42,746*	779	28,518	2,076	1,392	1,159	195	21,780	4,615
1935	2,524,000	41,321	---	26,365	1,930	1,224	1,110	214	20,968	4,392
1934	2,510,000	42,463	---	26,758	2,149	---	1,142	216	20,240	4,334
1933	2,495,000	39,575	---	25,665	1,911	---	1,121	210	16,018	3,686
1932	2,489,000	40,164	---	25,786	1,887	---	1,278	219	8,014	3,375
1931	2,482,000	41,633	---	25,681	1,681	---	1,332	209	14,190	4,144
1930	2,475,000	42,733	---	26,228	2,203	---	1,340	251	20,642	4,354
1929	2,460,000	42,126	---	25,681	2,214	---	---	235	21,935	4,427
1928	2,450,000	43,378	---	25,315	2,300	---	---	210	20,529	4,102
1927	2,441,000	44,296	---	24,532	2,478	---	---	263	21,048	4,255
1926	2,432,000	44,477	---	25,466	2,644	---	---	276	20,966	4,102
1925	2,427,000	49,740	---	24,420	2,616	---	---	260	21,924	4,112
1924	2,420,000	48,887	---	23,620	2,602	---	---	296	24,855	3,782
1923	2,425,000	51,305	---	25,378	2,944	---	---	246	23,516	3,495
1922	2,428,000	50,736	---	24,065	2,920	---	---	256	22,745	3,862
1921	2,407,000	49,977	---	24,611	2,961	---	---	257	25,283	4,010
1920	2,400,000	48,815	---	25,897	3,243	---	---	301	28,468	4,738
1919	2,379,000	85,716	---	24,016	2,915	---	---	---	18,993	3,223
1918	2,351,000	51,142	---	32,421	3,576	---	---	---	21,991	3,143
1917	2,382,000	38,204	---	23,773	2,792	---	---	---	24,037	3,632
1916	2,376,000	39,715	---	23,904	3,117	---	---	---	22,699	2,973
1915	2,366,000	44,115	---	22,367	2,949	---	---	---	23,017	3,024

RESIDENCE DATA UNLESS NOTED.
* OCCURRENCE DATA FOR THIS YEAR AND PREVIOUS YEARS.
TOTAL DEATHS DO NOT INCLUDE FETAL DEATHS.
POPULATION DATA FROM CURRENT POPULATION REPORTS, BUREAU OF THE CENSUS
1900-1949: P-25, NO. 139
1950-1959: P-25, NO. 229
1960-1969: P-25, NO. 460
1970: P-25, NO. 468
1971: P-26, NO. 31
1972: P-26, NO. 72
1973: P-25, NO. 533
1974: P-26, NO. 75-15
1975: P-26, NO. 76-15
1976: P-26, NO. 77-15
1977-1978: P-26, NO. 78-15 (1978 PROVISIONAL)

TABLE 3

RATES: LIVE BIRTHS (TOTAL AND OUT OF WEDLOCK), DEATH (TOTAL, INFANT, NEONATAL, FETAL AND MATERNAL), MARRIAGE AND DISSOLUTION
1915-1978

YEAR	LIVE BIRTHS		DEATHS					SOCIAL CATEGORIES	
	TOTAL	OUT OF WEDLOCK	TOTAL	INFANT	NEONATAL	FETAL	MATERNAL	MARRIAGES	DISSOLUTIONS
1978	15.4	92.4	9.5	12.5	8.8	8.1	0.2	9.7*	3.8*
1977	15.5	88.0	9.3	12.4	9.6	8.3	1.1	9.1	3.8
1976	14.5	82.7	9.7	14.4	11.0	8.5	1.0	9.3	3.9
1975	14.5	80.8	9.8	13.4	10.5	8.9	1.2	9.0	3.6
1974	14.1	73.6	10.0	14.3	11.0	10.6	1.2	9.5	3.3
1973	13.6	80.3	10.2	15.9	12.2	9.3	0.5	9.6	3.2
1972	14.2	77.0	10.4	17.9	14.1	10.1	1.0	9.2	2.9
1971	15.8	72.5	10.3	17.5	13.7	10.6	0.9	9.0	2.7
1970	17.1	72.2	10.4	18.8	15.1	9.9	2.1	8.7	2.5
1969	16.8	64.9	10.5	18.9	14.9	10.2	2.3	8.8	2.5
1968	16.7	63.3	10.7	19.1	15.4	11.4	1.3	8.8	2.3
1967	16.9	53.6	10.3	19.2	15.4	11.8	1.3	8.0	2.2
1966	17.6	49.8	10.7	19.5	15.3	11.0	1.9	7.7	2.0
1965	18.6	43.6	10.7	20.6	15.4	11.4	1.8	7.4	1.9
1964	20.2	36.1	10.6	21.2	15.9	10.9	2.3	7.4	1.9
1963	21.1	30.7	10.7	20.6	15.3	11.8	1.4	7.1	1.8
1962	22.2	26.8	10.4	19.8	15.0	11.1	1.3	6.9	1.7
1961	23.0	26.4	10.2	20.6	15.6	11.5	2.4	8.0	1.7
1960	23.2	23.0	10.4	21.9	15.7	11.9	2.0	9.0	1.6
1959	23.5	22.5	10.3	21.5	15.7	11.8	2.3	9.1	1.7
1958	22.8	21.0	10.1	22.8	17.4	12.3	3.9	8.8	1.6
1957	23.2	18.6	10.2	20.9	15.9	12.3	1.9	8.7	1.5
1956	21.3	18.4	9.8	20.7	16.0	13.3	2.1	9.3	1.8
1955	23.7	19.0	9.9	22.0	15.9	12.1	3.6	9.1	1.9
1954	24.0	17.4	9.7	21.2	15.3	13.2	4.0	8.8	2.0
1953	23.7	16.7	10.1	21.7	15.7	13.9	3.2	8.8	2.0
1952	24.4	15.7	10.1	24.8	18.7	13.7	3.5	9.6	2.1
1951	25.2	16.1	10.0	24.9	19.4	13.9	5.3	9.3	2.0
1950	23.9	17.0	10.3	24.7	18.9	15.0	5.8	10.5	2.1
1949	24.0	17.4	10.1	25.6	20.0*	15.6	5.5	9.9	2.1
1948	23.7	17.9	10.2	26.6	20.3	15.0	7.1	11.2	2.2
1947	25.3	18.1	10.5	28.5	22.1	15.9	9.0	12.0	2.7
1946	22.6	19.1	10.3	29.7	23.3	17.5	9.7	13.1	4.0
1945	19.3	20.6	11.1	30.3	22.6	18.4	17.1	9.2	3.3
1944	19.7	15.2	10.9	33.1	23.5	19.6	17.7	7.4	2.7
1943	20.0	14.5	10.8	33.9	24.0	20.1	16.3	5.8	2.3
1942	19.5	14.6	9.9	33.6	24.3	20.3	19.1	5.4	1.9
1941	18.3	15.8	10.0	36.3	25.3	21.2	27.0	10.4	2.1
1940	17.5	14.8	10.1	36.4	25.2	22.2	34.0	13.1	1.9
1939	17.1	17.5*	10.3	38.8	25.2	23.5	29.5	14.6	1.9
1938	17.2	18.6	10.0	40.6	27.0	25.1	32.6	12.8	1.8
1937	16.8	19.6	10.6*	44.1*	28.7	25.7*	44.7*	10.4	1.9
1936	17.0*	18.2	11.4	48.6	32.6	27.1	45.6	8.7	1.8
1935	16.3	---	10.4	47.0	29.8	27.1	52.2	8.3	1.7
1934	16.9	---	10.7	50.6	---	26.9	50.9	8.1	1.7
1933	15.9	---	10.3	48.3	---	28.3	53.1	5.4	1.5
1932	16.1	---	10.4	47.0	---	31.8	54.5	3.2	1.4
1931	16.8	---	10.3	40.4	---	28.8	50.2	5.7	1.7
1930	17.3	---	10.6	53.9	---	31.4	58.7	8.3	1.8
1929	17.1	---	10.4	52.6	---	---	55.8	8.9	1.8
1928	17.7	---	10.3	53.0	---	---	48.4	9.4	1.7
1927	18.1	---	10.0	55.9	---	---	59.4	8.6	1.7
1926	18.3	---	10.5	59.4	---	---	60.4	8.5	1.7
1925	20.5	---	10.1	52.6	---	---	58.4	9.0	1.7
1924	20.2	---	9.8	53.2	---	---	60.2	10.3	1.6
1923	21.2	---	10.5	57.4	---	---	47.9	9.7	1.9
1922	20.9	---	9.9	57.6	---	---	50.5	9.4	1.6
1921	20.8	---	10.2	59.2	---	---	51.4	10.5	1.7
1920	20.3	---	10.8	66.4	---	---	51.7	11.9	2.0
1919	19.2	---	10.1	63.8	---	---	---	9.0	1.4
1918	21.8	---	13.8	69.9	---	---	---	9.4	1.3
1917	16.0	---	10.0	73.1	---	---	---	10.2	1.5
1916	16.7	---	10.1	78.5	---	---	---	9.6	1.3
1915	18.6	---	9.5	66.8	---	---	---	9.7	1.3

RESIDENCE DATA UNLESS NOTED.
* OCCURRENCE DATA FOR THIS YEAR AND PREVIOUS YEARS.
LIVE BIRTHS, TOTAL DEATHS, MARRIAGE AND DISSOLUTION RATES PER 1,000 POPULATION.
OUT OF WEDLOCK LIVE BIRTHS, INFANT, NEONATAL AND FETAL DEATH RATES PER 1,000 LIVE BIRTHS.
MATERNAL DEATH RATES PER 10,000 LIVE BIRTHS.

SUMMARY OF SELECTED VITAL EVENTS TABLES

Statistics are based on resident data, with the exception of marriages and dissolutions, which are recorded in the county where the event occurred.

State and county populations are provisional estimates resulting from the Federal-State Cooperative Program for Population Estimates. City population estimates are from The Iowa Office For Planning And Programming.

Rates for live births, deaths, marriages, and dissolutions are calculated per 1,000 estimated population; selected causes of death rates are per 100,000 estimated population.

Rates for out of wedlock live births, live birth congenital malformations, fetal deaths, neonatal deaths, perinatal deaths, and infant deaths are per 1,000 live births. Maternal death rates are per 10,000 live births.

TABLE 4

SUMMARY OF SELECTED VITAL EVENTS FOR THE STATE OF IOWA
1978

LINE NO.		OCCURRENCE NUMBER	OCCURRENCE RATE	RESIDENCE NUMBER	RESIDENCE RATE
1	ESTIMATED POPULATION - JULY 1 - 2,896,000 /1				
2	LIVE BIRTHS	44,977	15.5	44,559	15.4
3	OUT OF WEDLOCK	4,102	91.2	4,116	92.4
4	CONGENITAL MALFORMATIONS	823	18.4	823	18.5
5	DEATHS FROM ALL CAUSES	27,031	9.3	27,417	9.5
6	MATERNAL DEATHS	1	0.2	1	0.2
7	FETAL DEATHS	358	8.2	362	8.1
8	NEONATAL DEATHS	378	8.4	394	8.8
9	PERINATAL DEATHS	745	16.6	756	17.0
10	INFANT DEATHS	535	11.9	559	12.5
11	MARRIAGES	28,030	9.7	---	---
12	DISSOLUTIONS	11,123	3.8	---	---
	-- LIST OF 66 SELECTED CAUSES OF DEATH --				
13	TUBERCULOSIS, ALL FORMS	13	0.6	14	0.5
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	9	0.3	6	0.2
15	TUBERCULOSIS, OTHER FORMS	9	0.3	8	0.3
16	SYPHILIS AND ITS SEQUELAE	3	0.1	2	0.1
17	OTHER INFECTIVE AND PARASITIC DISEASES	162	5.6	168	5.9
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	5,323	183.9	5,448	189.1
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	72	2.5	73	2.5
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	1,585	54.7	1,605	55.4
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	1,204	41.6	1,243	42.9
22	MALIGNANT NEOPLASMS OF BREAST	435	15.1	441	15.2
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	709	24.5	701	24.2
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	272	9.4	276	9.5
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	508	17.5	524	18.1
26	LEUKEMIA	219	7.6	246	8.5
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	318	11.0	339	11.7
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	46	1.6	43	1.5
29	DIABETES MELLITUS	454	15.7	456	15.7
30	ANEMIAS	39	1.3	45	1.6
31	MENINGITIS	19	0.7	13	0.4
32	MAJOR CARDIOVASCULAR DISEASES	14,790	510.7	14,958	516.5
33	DISEASES OF HEART	10,931	377.5	11,044	381.4
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	151	5.2	173	6.0
35	HYPERTENSIVE HEART DISEASE	82	2.8	83	2.9
36	HYPERTENSIVE HEART AND RENAL DISEASE	72	2.5	69	2.4
37	ISCHEMIC HEART DISEASE	9,632	332.6	9,697	334.8
38	ACUTE MYOCARDIAL INFARCTION	5,310	183.4	5,330	184.0
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	24	0.8	29	1.0
40	CHRONIC ISCHEMIC HEART DISEASE	4,295	148.3	4,335	149.7
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	3	0.1	3	0.1
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	85	2.9	83	2.9
43	ALL OTHER FORMS OF HEART DISEASE	909	31.4	939	32.4
44	HYPERTENSION	97	3.3	95	3.3
45	CEREBROVASCULAR DISEASES	2,803	96.8	2,844	98.2
46	CEREBRAL HEMORRHAGE	259	9.3	274	9.5
47	CEREBRAL THROMBOSIS	515	17.8	512	17.7
48	CEREBRAL EMBOLISM	15	0.5	16	0.6
49	ALL OTHER CEREBROVASCULAR DISEASES	2,004	69.2	2,042	70.5
50	ARTERIOSCLEROSIS	542	18.7	550	19.0
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	417	14.4	425	14.7
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	12	0.4	12	0.4
53	INFLUENZA	85	2.9	83	2.9
54	PNEUMONIA	911	31.5	924	31.9
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	64	2.2	63	2.2
56	EMPHYSEMA	302	10.4	298	10.3
57	ASTHMA	25	0.9	26	0.9
58	PEPTIC ULCER	82	2.8	81	2.8
59	CIRRHOSIS OF LIVER	246	8.5	241	8.3
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	48	1.7	52	1.8
61	NEPHRITIS AND NEPHROSIS	99	3.4	96	3.3
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	25	0.9	24	0.8
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	73	2.5	72	2.5
64	INFECTIONS OF KIDNEY	50	1.7	49	1.7
65	HYPERPLASIA OF PROSTATE	27	0.9	27	0.9
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	1	0.2	1	0.2
67	CONGENITAL ANOMALIES	174	6.0	185	6.4
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	252	8.7	266	9.2
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	118	4.1	126	4.4
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	134	4.6	140	4.8
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	123	4.2	139	4.8
72	ALL OTHER DISEASES	1,986	68.1	1,897	65.5
73	ACCIDENTS	1,333	46.0	1,383	47.8
74	MOTOR VEHICLE ACCIDENTS	662	22.9	691	23.9
75	ALL OTHER ACCIDENTS	671	23.2	692	23.9
76	SUICIDES	350	12.1	343	11.9
77	HOMICIDE	78	2.7	76	2.6
78	OTHER EXTERNAL CAUSES	30	1.0	28	1.0

1/ SOURCE-FEDERAL STATE COOPERATIVE PROGRAM FOR POPULATION ESTIMATES TO BE PUBLISHED IN SERIES P-26, 78-15 (PROVISIONAL 1978 POPULATION ESTIMATES).
COUNTY POPULATION FIGURES ALSO PROVIDED FROM P-26, 78-15 DO NOT SUM TO THE STATE TOTAL.

TABLE 5

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

LINE NO.		ADAIR		ADAMS		ALLAMAKEE	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1	ESTIMATED POPULATION - JULY 1	9,800	...	5,200	...	15,800	...
2	LIVE BIRTHS	141	14.4	73	12.6	241	15.3
3	OUT OF WEDLOCK	4	28.4	1	12.8	15	62.2
4	CONGENITAL MALFORMATIONS	5	35.5	2	25.5	7	29.0
5	DEATHS FROM ALL CAUSES	112	11.4	78	12.6	179	11.3
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	1	7.1	1	12.8	3	12.4
8	NEONATAL DEATHS	-	-	-	-	4	16.6
9	PERINATAL DEATHS	1	7.1	1	12.8	7	29.0
10	INFANT DEATHS	-	-	-	-	4	16.6
11	MARRIAGES	79	8.1	51	8.2	201	12.7
12	DISSOLUTIONS	28	2.9	12	1.9	29	1.8
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	-	-	-	-	-	-
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	-	-	-	-	-	-
15	TUBERCULOSIS, OTHER FORMS	-	-	-	-	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	1	16.1	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	1	10.2	-	-	-	-
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	32	326.5	18	290.3	44	278.5
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	1	10.2	-	-	2	12.7
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	8	81.6	5	80.6	11	69.6
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	8	81.6	4	64.5	6	38.0
22	MALIGNANT NEOPLASMS OF BREAST	2	20.4	2	32.3	2	12.7
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	7	71.4	1	16.1	10	63.3
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	1	10.2	1	16.1	3	19.0
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	3	30.6	3	48.4	4	25.3
26	LEUKEMIA	2	20.4	-	-	4	25.3
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	-	-	2	32.3	2	12.7
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	-	-	-	-	-	-
29	DIABETES MELLITUS	-	-	1	16.1	4	25.3
30	ANEMIAS	-	-	-	-	-	-
31	MENINGITIS	-	-	-	-	-	-
32	MAJOR CARDIOVASCULAR DISEASES	46	469.4	46	741.9	87	550.6
33	DISEASES OF HEART	35	357.1	31	500.0	69	436.7
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	-	-	-	-	3	19.0
35	HYPERTENSIVE HEART DISEASE	-	-	1	16.1	-	-
36	HYPERTENSIVE HEART AND RENAL DISEASE	-	-	-	-	-	-
37	ISCHEMIC HEART DISEASE	29	295.9	27	435.5	55	354.4
38	ACUTE MYOCARDIAL INFARCTION	19	193.9	17	274.2	38	240.5
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	-	-	-	-	-	-
40	CHRONIC ISCHEMIC HEART DISEASE	10	102.0	10	161.3	18	113.9
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	-	-	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	2	20.4	-	-	-	-
43	ALL OTHER FORMS OF HEART DISEASE	4	40.8	3	48.4	10	63.3
44	HYPERTENSION	-	-	-	-	-	-
45	CEREBROVASCULAR DISEASES	8	81.6	7	112.9	16	101.3
46	CEREBRAL HEMORRHAGE	1	10.2	-	-	-	-
47	CEREBRAL THROMBOSIS	-	-	-	-	2	12.7
48	CEREBRAL EMBOLISM	-	-	1	16.1	-	-
49	ALL OTHER CEREBROVASCULAR DISEASES	7	71.4	6	96.8	14	88.6
50	ARTERIOSCLEROSIS	3	30.6	5	80.6	-	-
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	-	-	3	48.4	2	12.7
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	1	10.2	-	-	-	-
53	INFLUENZA	-	-	-	-	-	-
54	PNEUMONIA	7	71.4	3	48.4	10	63.3
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	-	-	-	-	-	-
56	EMPHYSEMA	-	-	-	-	3	19.0
57	ASTHMA	-	-	-	-	1	6.3
58	PEPTIC ULCER	2	20.4	1	16.1	1	6.3
59	CIRRHOSIS OF LIVER	2	20.4	-	-	-	-
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	1	10.2	-	-	1	6.3
61	NEPHRITIS AND NEPHROSIS	-	-	1	16.1	-	-
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	-	-	1	16.1	-	-
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	-	-	-	-	-	-
64	INFECTIONS OF KIDNEY	-	-	-	-	-	-
65	HYPERPLASIA OF PROSTATE	1	10.2	-	-	-	-
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	-	-	1	16.1	-	-
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	-	-	-	-	4	25.3
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	-	-	-	-	1	6.3
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	-	-	-	-	3	19.0
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	1	10.2	-	-	-	-
72	ALL OTHER DISEASES	11	112.2	2	32.3	11	69.6
73	ACCIDENTS	7	71.4	3	48.4	11	69.6
74	MOTOR VEHICLE ACCIDENTS	3	30.6	2	32.3	6	38.0
75	ALL OTHER ACCIDENTS	4	40.8	1	16.1	5	31.6
76	SUICIDES	-	-	1	16.1	2	12.7
77	HOMICIDE	-	-	-	-	-	-
78	OTHER EXTERNAL CAUSES	-	-	-	-	-	-

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1979

APPANOOSE		AUDUBON		BENTON		BLACK HAWK		BOONE		BREMER		BUCHANAN		BUENA VISTA		LINE
NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NO.
15,300	...	9,300	...	24,100	...	138,800	...	26,400	...	24,400	...	22,900	...	20,600	...	1
238	15.6	121	13.0	364	15.1	2,270	16.4	355	13.4	368	15.1	413	18.0	280	13.6	2
16	67.2	5	41.3	21	57.7	371	163.4	28	78.9	23	62.5	20	88.4	14	50.0	3
9	37.8	4	33.1	3	8.2	47	20.7	6	16.9	10	27.2	8	13.4	7	25.0	4
200	13.1	102	11.0	245	10.2	1,085	7.8	321	12.2	207	8.5	222	9.7	201	9.8	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
4	16.8	1	8.3	2	5.5	18	7.9	-	-	4	10.9	2	4.8	2	7.1	7
1	4.2	1	8.3	3	8.2	18	7.9	4	11.3	7	19.0	4	9.7	2	7.1	8
5	21.0	2	16.5	5	13.7	36	15.9	4	11.3	11	29.9	6	14.5	4	14.3	9
2	8.4	1	8.3	6	16.5	29	12.8	5	14.1	9	24.5	6	14.5	2	7.1	10
134	8.8	59	6.3	206	8.5	1,286	9.3	259	9.8	216	8.9	224	9.8	189	9.2	11
31	2.0	21	2.3	65	2.7	646	4.7	114	4.3	57	2.3	48	2.1	50	2.4	12
-	-	-	-	-	-	1	0.7	-	-	-	-	-	-	1	4.9	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	1	0.7	-	-	-	-	-	-	1	4.9	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
1	6.5	-	-	1	4.1	9	6.5	1	3.8	-	-	2	8.7	1	4.9	17
45	294.1	23	247.3	59	244.8	208	149.9	48	181.8	38	155.7	45	196.5	42	203.9	18
2	13.1	1	10.8	1	4.1	4	2.9	-	-	-	-	1	4.4	1	4.9	19
10	65.4	5	53.8	15	62.2	43	31.0	16	60.6	14	57.4	14	61.1	12	58.3	20
10	65.4	5	53.8	14	58.1	53	38.2	10	37.9	6	24.6	9	39.3	6	29.1	21
2	13.1	1	10.8	4	16.6	22	15.9	4	15.2	4	16.4	2	8.7	4	19.4	22
6	39.2	3	32.3	9	37.3	31	22.3	5	18.9	4	16.4	6	26.2	7	34.0	23
3	19.6	-	-	5	20.7	7	5.0	4	15.2	3	12.3	3	13.1	1	4.9	24
5	32.7	3	32.3	4	16.6	22	15.9	5	18.9	5	20.5	6	26.2	4	19.4	25
2	13.1	1	10.8	1	4.1	10	7.2	2	7.6	1	4.1	2	8.7	3	14.6	26
5	32.7	4	43.0	6	24.9	16	11.5	2	7.6	1	4.1	2	8.7	4	19.4	27
-	-	-	-	-	-	-	-	3	11.4	-	-	-	-	-	-	28
9	58.8	1	10.8	2	8.3	24	17.3	5	18.9	2	8.2	4	17.5	2	9.7	29
1	6.5	-	-	-	-	-	-	1	3.8	-	-	1	4.4	-	-	30
-	-	-	-	1	4.1	-	-	-	-	1	4.1	-	-	-	-	31
108	705.9	55	591.4	128	531.1	599	431.6	199	753.8	125	512.3	114	497.8	119	577.7	32
84	549.0	42	451.6	96	398.3	415	299.0	142	537.9	91	373.0	90	393.0	89	432.0	33
1	6.5	1	10.8	-	-	7	5.0	1	3.8	1	4.1	-	-	-	-	34
1	6.5	3	32.3	1	4.1	4	2.9	-	-	-	-	-	-	-	-	35
-	-	-	-	-	-	-	-	2	7.6	-	-	-	-	-	-	36
73	477.1	34	365.6	85	352.7	368	265.1	134	507.6	85	348.4	81	353.7	84	407.8	37
32	209.2	15	161.3	40	166.0	205	147.7	89	337.1	41	168.0	53	231.4	48	233.0	38
1	6.5	-	-	-	-	1	0.7	-	-	2	8.2	1	4.4	-	-	39
40	261.4	19	204.3	45	186.7	162	116.7	45	170.5	42	172.1	27	117.9	36	174.8	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
3	19.6	-	-	-	-	4	2.9	1	3.8	-	-	2	8.7	-	-	42
6	39.2	4	43.0	10	41.5	32	23.1	4	15.2	5	20.5	7	30.6	5	24.3	43
-	-	-	-	1	4.1	5	3.6	2	7.6	1	4.1	-	-	-	-	44
19	124.2	9	96.8	24	99.6	125	90.1	38	143.9	27	110.7	18	78.6	22	106.8	45
2	13.1	-	-	-	-	5	3.6	-	-	3	12.3	1	4.4	5	24.3	46
-	-	3	32.3	4	16.6	24	17.3	17	64.4	5	20.5	8	34.9	3	14.6	47
-	-	-	-	-	-	-	-	1	3.8	-	-	-	-	-	-	48
17	111.1	6	64.5	20	83.0	96	69.2	20	75.8	19	77.9	9	39.3	14	68.0	49
1	6.5	2	21.5	2	8.3	30	21.6	9	34.1	2	8.2	4	17.5	5	24.3	50
4	26.1	2	21.5	5	20.7	24	17.3	8	30.3	4	16.4	2	8.7	3	14.6	51
-	-	-	-	-	-	1	0.7	-	-	-	-	-	-	-	-	52
2	13.1	-	-	2	8.3	6	4.3	-	-	-	-	-	-	-	-	53
3	19.6	5	53.8	11	45.6	24	17.3	15	56.9	4	16.4	8	34.9	7	34.0	54
1	6.5	-	-	-	-	2	1.4	2	7.6	-	-	-	-	-	-	55
1	6.5	2	21.5	5	20.7	10	7.2	2	7.6	2	8.2	-	-	5	24.3	56
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57
-	-	-	-	1	4.1	3	2.2	1	3.8	-	-	1	4.4	1	4.9	58
4	26.1	1	10.8	1	4.1	15	10.8	2	7.6	1	4.1	3	13.1	1	4.9	59
1	6.5	-	-	-	-	2	1.4	-	-	1	4.1	-	-	-	-	60
-	-	-	-	1	4.1	1	0.7	2	7.6	-	-	1	4.4	2	9.7	61
-	-	-	-	-	-	1	0.7	-	-	-	-	-	-	-	-	62
-	-	-	-	1	4.1	-	-	2	7.6	-	-	1	4.4	2	9.7	63
-	-	-	-	1	4.1	2	1.4	-	-	-	-	-	-	1	4.9	64
-	-	-	-	-	-	-	-	1	3.8	-	-	2	8.7	-	-	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
-	-	1	10.8	-	-	8	5.8	2	7.6	3	12.3	2	8.7	-	-	67
1	6.5	-	-	1	4.1	14	10.1	2	7.6	3	12.3	3	13.1	2	9.7	68
1	6.5	-	-	-	-	7	5.0	-	-	1	4.1	1	4.4	1	4.9	69
-	-	-	-	1	4.1	7	5.0	2	7.6	2	8.2	2	8.7	1	4.9	70
1	6.5	-	-	1	4.1	6	4.3	-	-	5	20.5	2	8.7	-	-	71
9	58.8	5	64.5	13	53.9	80	57.6	19	72.0	16	65.5	16	69.9	12	58.3	72
11	71.9	7	75.3	15	62.2	53	38.2	12	45.5	4	16.4	14	61.1	4	19.4	73
7	45.8	4	43.0	6	24.9	33	23.8	5	18.9	2	8.2	3	13.1	-	-	74
4	26.1	3	32.3	9	37.3	23	14.4	7	26.5	2	8.2	11	48.0	4	19.4	75
2	13.1	1	10.8	2	8.3	13	9.4	3	11.4	2	8.2	3	13.1	-	-	76
-	-	-	-	-	-	3	2.2	1	3.8	-	-	-	-	-	-	77
-	-	-	-	-	-	1	0.7	-	-	-	-	1	4.4	1	4.9	78

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

LINE NO.		BUTLER		CALHOUN		CARROLL	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1	ESTIMATED POPULATION - JULY 1	17,300	...	13,600	...	23,500	...
2	LIVE BIRTHS	296	17.1	196	14.4	378	16.1
3	OUT OF WEDLOCK	15	50.7	18	91.8	14	37.0
4	CONGENITAL MALFORMATIONS	6	20.3	3	15.3	20	52.9
5	DEATHS FROM ALL CAUSES	177	10.2	216	15.9	264	11.2
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	4	13.5	2	10.2	2	5.3
8	NEONATAL DEATHS	1	3.4	-	-	4	10.6
9	PERINATAL DEATHS	5	16.9	2	10.2	6	15.9
10	INFANT DEATHS	2	6.8	2	10.2	4	10.6
11	MARRIAGES	145	8.4	113	8.3	234	10.0
12	DISSOLUTIONS	38	2.2	28	2.1	31	1.3
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	-	-	-	-	-	-
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	-	-	-	-	-	-
15	TUBERCULOSIS, OTHER FORMS	-	-	-	-	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	-	-	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	2	11.6	2	14.7	2	8.5
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	43	248.6	41	301.5	62	263.8
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	-	-	-	-	4	17.0
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	17	98.3	16	117.6	17	72.3
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	11	63.6	7	51.5	8	34.0
22	MALIGNANT NEOPLASMS OF BREAST	2	11.6	3	22.1	8	34.0
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	8	46.2	5	36.8	10	42.6
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	2	11.6	2	14.7	-	-
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	1	5.8	3	22.1	8	34.0
26	LEUKEMIA	2	11.6	1	7.4	2	8.5
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	-	-	4	29.4	5	21.3
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	-	-	-	-	-	-
29	DIABETES MELLITUS	4	23.1	2	14.7	2	8.5
30	ANEMIAS	1	5.8	-	-	1	4.3
31	MENINGITIS	-	-	-	-	-	-
32	MAJOR CARDIOVASCULAR DISEASES	100	578.0	122	897.1	147	625.5
33	DISEASES OF HEART	59	341.0	83	610.3	100	425.5
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	-	-	1	7.4	1	4.3
35	HYPERTENSIVE HEART DISEASE	1	5.8	1	7.4	2	8.5
36	HYPERTENSIVE HEART AND RENAL DISEASE	-	-	1	7.4	3	12.8
37	ISCHEMIC HEART DISEASE	55	317.9	74	543.1	87	370.2
38	ACUTE MYOCARDIAL INFARCTION	31	179.2	42	308.8	47	200.0
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	1	5.8	-	-	1	4.3
40	CHRONIC ISCHEMIC HEART DISEASE	23	132.9	32	235.3	39	166.0
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	-	-	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	-	-	-	-	-	-
43	ALL OTHER FORMS OF HEART DISEASE	3	17.3	5	36.1	7	29.8
44	HYPERTENSION	1	5.8	1	7.4	1	4.3
45	CEREBROVASCULAR DISEASES	31	179.2	26	191.2	39	166.0
46	CEREBRAL HEMORRHAGE	-	-	1	7.4	5	21.3
47	CEREBRAL THROMBOSIS	2	11.6	5	36.8	14	59.6
48	CEREBRAL EMBOLISM	1	5.8	-	-	1	4.3
49	ALL OTHER CEREBROVASCULAR DISEASES	28	161.8	20	147.1	19	80.9
50	ARTERIOSCLEROSIS	7	40.5	7	51.5	7	29.8
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	2	11.6	5	36.8	-	-
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	-	-	-	-	-	-
53	INFLUENZA	1	5.8	2	14.7	-	-
54	PNEUMONIA	4	23.1	10	73.5	6	25.5
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	1	5.8	1	7.4	-	-
56	EMPHYSEMA	-	-	5	36.8	3	12.8
57	ASTHMA	-	-	-	-	-	-
58	PEPTIC ULCER	-	-	-	-	1	4.3
59	CIRRHOSIS OF LIVER	-	-	-	-	3	12.8
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	-	-	-	-	2	8.5
61	NEPHRITIS AND NEPHROSIS	1	5.8	-	-	3	12.8
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	-	-	-	-	-	-
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	1	5.8	-	-	3	12.8
64	INFECTIONS OF KIDNEY	-	-	1	7.4	-	-
65	HYPERPLASIA OF PROSTATE	-	-	-	-	-	-
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	-	-	2	14.7	-	-
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	1	5.8	-	-	4	17.0
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	1	5.8	-	-	2	8.5
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	-	-	-	-	2	8.5
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	1	5.8	3	22.1	1	4.3
72	ALL OTHER DISEASES	12	69.4	12	88.2	11	46.8
73	ACCIDENTS	3	17.3	10	73.5	16	68.1
74	MOTOR VEHICLE ACCIDENTS	3	17.3	7	51.5	8	34.0
75	ALL OTHER ACCIDENTS	-	-	3	22.1	8	34.0
76	SUICIDES	3	17.3	2	14.7	-	-
77	HOMICIDE	-	-	1	7.4	-	-
78	OTHER EXTERNAL CAUSES	-	-	-	-	-	-

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

CASS		CEDAR		CERRO GORDO		CHEROKEE		CHICKASAW		CLARKE		CLAY		CLAYTON		LINE
NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NO.
17,100	...	18,100	...	48,000	...	16,500	...	15,600	...	8,100	...	19,600	...	20,500	...	1
233	13.6	265	14.6	662	13.8	228	13.8	238	15.3	103	12.7	347	17.7	320	15.5	2
11	47.2	19	71.7	50	75.5	16	70.2	13	54.6	10	97.1	19	54.8	18	56.3	3
7	30.0	3	11.3	3	4.5	8	35.1	7	29.4	2	19.4	8	23.1	10	31.3	4
251	14.7	202	11.2	504	10.5	185	11.2	166	10.6	93	11.5	166	8.5	222	10.8	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
2	8.6	3	11.3	3	4.5	2	8.8	3	12.6	1	9.7	3	8.6	-	-	7
1	4.3	-	-	6	9.1	4	17.5	1	4.2	2	19.4	1	2.9	1	3.1	8
3	12.9	3	11.3	9	13.6	6	26.3	4	16.8	3	29.1	4	11.5	1	3.1	9
1	4.3	1	3.8	9	13.6	6	26.3	2	8.4	2	19.4	2	5.8	1	3.1	10
173	10.1	144	8.0	486	10.1	142	8.6	961	61.6	89	11.0	196	10.0	197	9.6	11
55	3.2	60	3.3	154	3.2	65	3.9	32	2.1	43	5.3	75	3.8	42	2.0	12
-	-	-	-	-	-	-	-	1	6.4	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	1	6.4	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
-	-	3	16.6	2	4.2	1	6.1	-	-	-	-	-	-	2	9.7	17
52	304.1	45	248.6	100	208.3	39	236.4	27	173.1	14	172.8	36	183.7	37	179.6	18
-	-	-	-	1	2.1	-	-	-	-	-	-	-	-	-	-	19
14	81.9	15	88.4	33	68.8	8	48.5	8	51.3	3	37.0	12	61.2	15	77.7	20
15	87.7	8	44.2	20	41.7	8	48.5	8	51.3	7	86.4	4	20.4	9	43.7	21
2	11.7	1	5.5	9	18.8	6	36.4	-	-	1	12.3	3	15.3	1	4.9	22
4	23.4	8	44.2	12	25.0	4	24.2	7	44.9	-	-	2	10.2	2	9.7	23
5	29.2	3	16.6	6	12.5	3	18.2	-	-	1	12.3	5	25.5	-	-	24
1	5.8	8	44.2	7	14.6	6	36.4	-	-	1	12.3	6	30.6	2	9.7	25
6	35.1	1	5.5	7	14.6	1	6.1	2	12.8	-	-	4	20.4	5	24.3	26
5	29.2	-	-	5	10.4	3	18.2	2	12.8	1	12.3	-	-	2	9.7	27
1	5.8	-	-	1	2.1	-	-	-	-	-	-	-	-	2	9.7	28
4	23.4	5	27.6	5	10.4	-	-	3	19.2	2	24.7	3	15.3	3	14.6	29
-	-	-	-	1	2.1	-	-	-	-	-	-	-	-	1	4.9	30
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
151	883.0	110	607.7	261	543.8	105	636.4	91	583.3	61	753.1	87	443.9	131	635.9	32
95	555.6	79	436.5	183	381.3	79	478.8	71	455.1	46	567.9	63	321.4	101	490.3	33
1	5.8	1	5.5	1	2.1	1	6.1	2	12.8	-	-	1	5.1	4	19.4	34
-	-	2	11.0	-	-	-	-	-	-	-	-	-	-	1	4.9	35
-	-	1	5.5	-	-	1	6.1	1	6.4	-	-	-	-	-	-	36
80	467.8	60	331.5	173	360.4	69	418.2	63	403.8	38	469.1	57	290.8	83	402.9	37
39	228.1	40	221.0	107	222.9	37	224.2	38	243.6	27	333.3	29	148.0	48	233.0	38
-	-	-	-	-	-	-	-	-	-	-	-	2	10.2	-	-	39
41	239.8	20	110.5	66	137.5	32	193.9	25	160.3	11	135.8	26	132.7	35	169.9	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
-	-	1	5.5	-	-	-	-	-	-	-	-	-	-	1	4.9	42
14	81.9	14	77.3	9	18.8	8	48.5	5	32.1	8	98.8	5	25.5	12	58.3	43
1	5.8	-	-	2	4.2	1	6.1	-	-	-	-	-	-	-	-	44
40	233.9	27	149.2	62	129.2	15	90.9	14	89.7	13	160.5	19	91.8	22	106.8	45
4	23.4	1	5.5	6	12.5	1	6.1	1	6.4	-	-	-	-	-	-	46
8	46.8	7	38.7	12	25.0	1	6.1	6	38.5	-	-	-	-	6	29.1	47
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
28	163.7	19	105.0	44	91.7	13	78.8	7	44.9	13	160.5	19	91.8	16	77.7	49
14	81.9	1	5.5	7	14.6	7	42.4	1	6.4	-	-	-	-	7	34.0	50
1	5.8	3	16.6	7	14.6	3	18.2	5	32.1	2	24.7	6	30.6	1	4.9	51
-	-	-	-	1	2.1	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	2	4.2	2	12.1	-	-	-	-	-	-	-	-	53
6	35.1	3	16.6	37	77.1	9	54.5	11	70.5	4	49.4	2	10.2	9	43.7	54
1	5.8	-	-	1	2.1	-	-	-	-	-	-	-	-	-	-	55
3	17.5	2	11.0	9	18.8	4	24.2	-	-	-	-	2	10.2	2	9.7	56
1	5.8	-	-	-	-	-	-	1	6.4	-	-	-	-	-	-	57
1	5.8	1	5.5	1	2.1	-	-	-	-	-	-	-	-	-	-	58
3	17.5	3	16.6	4	8.3	1	6.1	2	12.8	-	-	1	5.1	-	-	59
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60
1	5.8	-	-	2	4.2	-	-	1	6.4	-	-	2	10.2	1	4.9	61
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62
1	5.8	-	-	2	4.2	-	-	1	6.4	-	-	2	10.2	1	4.9	63
-	-	-	-	3	6.3	-	-	-	-	-	-	1	5.1	-	-	64
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
1	5.8	-	-	4	8.3	1	6.1	2	12.8	1	12.3	3	15.3	1	4.9	67
-	-	-	-	3	6.3	3	18.2	-	-	1	12.3	-	-	-	-	68
-	-	-	-	1	2.1	3	18.2	-	-	1	12.3	-	-	-	-	69
-	-	-	-	2	4.2	-	-	-	-	-	-	-	-	-	-	70
-	-	-	-	4	8.3	-	-	-	-	-	-	1	5.1	-	-	71
10	58.5	19	105.0	38	79.2	12	72.7	12	76.9	6	74.1	11	56.1	14	68.0	72
11	64.3	7	38.7	20	41.7	5	30.3	13	83.3	3	37.0	14	71.4	14	69.0	73
8	46.8	4	22.1	9	18.8	3	18.2	8	51.3	-	-	10	51.0	8	38.8	74
3	17.5	3	16.6	11	22.9	2	12.1	5	32.1	3	37.0	4	20.4	6	29.1	75
5	29.2	4	22.1	3	6.3	3	18.2	1	6.4	1	12.3	2	10.2	5	24.3	76
-	-	-	-	2	4.2	-	-	1	6.4	-	-	1	5.1	-	-	77
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

LINE NO.		CLINTON NUMBER	CLINTON RATE	CRAWFORD NUMBER	CRAWFORD RATE	DALLAS NUMBER	DALLAS RATE
1	ESTIMATED POPULATION - JULY 1	58,200	...	18,800	...	28,500	...
2	LIVE BIRTHS	920	15.8	313	16.6	458	16.1
3	OUT OF WEDLOCK	102	110.9	19	60.7	40	87.3
4	CONGENITAL MALFORMATIONS	11	12.0	7	22.4	8	17.5
5	DEATHS FROM ALL CAUSES	590	10.1	201	10.7	246	8.6
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	12	13.0	4	12.8	5	10.9
8	NEONATAL DEATHS	14	15.2	3	9.6	3	6.6
9	PERINATAL DEATHS	26	28.3	7	22.4	8	17.5
10	INFANT DEATHS	16	17.4	4	12.8	4	8.7
11	MARRIAGES	615	10.6	151	8.0	270	9.5
12	DISSOLUTIONS	265	4.6	61	3.2	111	3.9
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	-	-	-	-	1	3.5
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	-	-	-	-	1	3.5
15	TUBERCULOSIS, OTHER FORMS	-	-	-	-	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	-	-	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	2	3.4	1	5.3	-	-
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	124	213.1	39	207.4	49	171.9
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	1	1.7	-	-	-	-
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	31	53.3	9	47.9	15	52.6
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	37	63.6	11	58.5	13	45.6
22	MALIGNANT NEOPLASMS OF BREAST	6	10.3	3	16.0	6	21.1
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	20	34.4	6	31.9	3	10.5
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	3	5.2	3	16.0	1	3.5
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	16	27.5	6	31.9	4	14.0
26	LEUKEMIA	6	10.3	-	-	2	7.0
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	4	6.9	1	5.3	5	17.5
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	1	1.7	1	5.3	1	3.5
29	DIABETES MELLITUS	10	17.2	7	37.2	2	7.0
30	ANEMIAS	2	3.4	-	-	1	3.5
31	MENINGITIS	1	1.7	-	-	-	-
32	MAJOR CARDIOVASCULAR DISEASES	309	530.9	103	547.9	136	477.2
33	DISEASES OF HEART	230	395.2	82	435.2	101	354.4
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	4	6.9	1	5.3	2	7.0
35	HYPERTENSIVE HEART DISEASE	1	1.7	-	-	-	-
36	HYPERTENSIVE HEART AND RENAL DISEASE	-	-	-	-	-	-
37	ISCHEMIC HEART DISEASE	200	343.6	73	388.3	91	319.3
38	ACUTE MYOCARDIAL INFARCTION	126	216.5	46	244.7	53	186.0
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	-	-	-	-	-	-
40	CHRONIC ISCHEMIC HEART DISEASE	74	127.1	27	143.6	38	133.3
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	-	-	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	7	12.0	1	5.3	-	-
43	ALL OTHER FORMS OF HEART DISEASE	18	30.9	7	37.2	8	28.1
44	HYPERTENSION	-	-	-	-	2	7.0
45	CEREBROVASCULAR DISEASES	67	115.1	13	69.1	27	94.7
46	CEREBRAL HEMORRHAGE	3	5.2	-	-	1	3.5
47	CEREBRAL THROMBOSIS	18	30.9	3	16.0	4	14.0
48	CEREBRAL EMBOLISM	-	-	-	-	-	-
49	ALL OTHER CEREBROVASCULAR DISEASES	46	79.0	10	53.2	22	77.2
50	ARTERIOSCLEROSIS	3	5.2	7	37.2	2	7.0
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	9	15.5	1	5.3	4	14.0
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	-	-	-	-	-	-
53	INFLUENZA	1	1.7	-	-	-	-
54	PNEUMONIA	20	34.4	8	42.6	7	24.6
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	1	1.7	-	-	1	3.5
56	EMPHYSEMA	8	13.7	1	5.3	1	3.5
57	ASTHMA	1	1.7	-	-	1	3.5
58	PEPTIC ULCER	1	1.7	-	-	-	-
59	CIRRHOSIS OF LIVER	5	8.6	1	5.3	1	3.5
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	-	-	-	-	-	-
61	NEPHRITIS AND NEPHROSIS	1	1.7	1	5.3	1	3.5
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	-	-	-	-	1	3.5
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	1	1.7	1	5.3	-	-
64	INFECTIONS OF KIDNEY	1	1.7	-	-	1	3.5
65	HYPERPLASIA OF PROSTATE	1	1.7	1	5.3	-	-
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	1	1.7	1	5.3	2	7.0
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	14	24.1	3	15.0	1	3.5
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	5	8.6	2	10.6	1	3.5
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	9	15.5	1	5.3	-	-
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	3	5.2	2	10.6	1	3.5
72	ALL OTHER DISEASES	42	72.2	17	90.4	15	52.6
73	ACCIDENTS	34	58.4	13	69.1	17	59.6
74	MOTOR VEHICLE ACCIDENTS	13	22.3	9	47.9	4	14.0
75	ALL OTHER ACCIDENTS	21	36.1	4	21.3	13	45.6
76	SUICIDES	5	8.6	2	10.6	7	24.6
77	HOMICIDE	2	3.4	-	-	-	-
78	OTHER EXTERNAL CAUSES	-	-	-	-	-	-

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

DAVIS		DECATUR		DELAWARE		DES MOINES		DICKINSON		DUBUQUE		EMMET		FAYETTE		LINE
NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NO.
8,800	...	9,800	...	19,300	...	45,900	...	14,400	...	92,900	...	13,800	...	25,500	...	1
125	14.2	98	10.0	318	16.5	678	14.8	210	14.6	1,531	16.5	234	17.0	402	15.8	2
9	72.0	7	71.4	21	66.0	65	95.9	13	61.9	116	75.8	15	64.1	23	57.2	3
-	-	3	30.6	7	22.0	12	17.7	3	14.3	13	8.5	3	12.8	10	24.9	4
92	10.5	120	12.2	189	9.8	459	10.0	152	10.6	825	8.9	127	9.2	266	10.4	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
-	-	1	10.2	1	3.1	3	4.4	1	4.8	14	9.1	3	12.8	3	7.5	7
1	8.0	-	-	6	18.9	6	8.8	2	9.5	15	9.8	1	4.3	3	7.5	8
1	8.0	1	10.2	7	22.0	9	13.3	3	14.3	29	18.9	4	17.1	6	14.9	9
2	16.0	-	-	7	22.0	7	10.3	2	9.5	20	13.1	2	8.5	4	10.0	10
83	9.4	84	8.6	181	9.4	480	10.5	141	9.8	1,003	10.8	101	7.3	247	9.7	11
20	2.3	33	3.4	45	2.3	209	4.6	45	3.1	299	3.2	30	2.2	72	2.8	12
-	-	-	-	-	-	-	-	-	-	1	1.1	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	1	1.1	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
1	11.4	-	-	1	5.2	2	4.4	-	-	5	5.4	1	7.2	2	7.8	17
19	215.9	20	204.1	35	181.3	86	187.4	32	222.2	170	183.0	24	173.9	49	192.2	18
-	-	-	-	2	10.4	1	2.2	1	6.9	1	1.1	-	-	-	-	19
7	79.5	8	81.6	10	51.8	25	54.5	10	69.4	39	42.0	10	72.5	20	78.4	20
3	34.1	3	30.6	8	41.5	21	45.8	10	69.4	41	44.1	6	43.5	11	43.1	21
5	56.8	1	10.2	3	15.5	5	10.9	2	13.9	19	20.5	2	14.5	3	11.8	22
2	22.7	1	10.2	6	31.1	13	28.3	3	20.8	21	22.6	1	7.2	4	15.7	23
-	-	2	20.4	1	5.2	4	8.7	-	-	10	10.8	1	7.2	1	3.9	24
2	22.7	2	20.4	3	15.5	7	15.3	2	13.9	24	25.8	-	-	4	15.7	25
-	-	2	20.4	-	-	3	6.5	3	20.8	6	6.5	3	21.7	1	3.9	26
-	-	1	10.2	2	10.4	7	15.3	1	6.9	9	9.7	1	7.2	5	19.6	27
-	-	1	10.2	-	-	2	4.4	1	6.9	1	1.1	-	-	-	-	28
-	-	1	10.2	5	25.9	14	30.5	-	-	14	15.1	-	-	8	31.4	29
1	11.4	-	-	1	5.2	5	10.9	-	-	2	2.2	-	-	-	-	30
-	-	-	-	-	-	-	-	-	-	-	-	1	7.2	-	-	31
55	625.0	69	704.1	116	601.0	250	544.7	88	611.1	469	504.8	73	529.0	146	572.5	32
44	500.0	40	408.2	82	424.9	183	398.7	60	416.7	366	394.0	53	384.1	120	470.6	33
1	11.4	-	-	1	5.2	1	2.2	1	6.9	12	12.9	2	14.5	2	7.8	34
1	11.4	-	-	2	10.4	2	4.4	-	-	1	1.1	-	-	-	-	35
-	-	-	-	1	5.2	7	15.3	-	-	1	1.1	1	7.2	-	-	36
40	454.5	35	357.1	71	367.9	157	342.0	58	402.8	325	349.8	47	340.6	112	439.2	37
20	227.3	28	285.7	44	228.0	73	159.0	28	194.4	108	116.3	31	224.6	57	223.5	38
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3.9	39
20	227.3	7	71.4	27	139.9	84	183.0	30	208.3	217	233.6	15	115.9	54	211.8	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
1	11.4	-	-	2	10.4	-	-	-	-	4	4.3	-	-	-	-	42
1	11.4	5	51.0	5	25.9	16	34.9	1	6.9	23	24.8	3	21.7	6	23.5	43
-	-	-	-	1	5.2	5	10.9	2	13.9	2	2.2	-	-	-	-	44
7	79.5	22	224.5	29	150.3	46	100.2	17	118.1	74	79.7	17	123.2	23	90.2	45
-	-	2	20.4	2	10.4	2	4.4	2	13.9	11	11.8	4	29.0	2	7.8	46
1	11.4	-	-	9	46.6	20	43.6	1	6.9	19	20.5	-	-	3	11.8	47
-	-	-	-	-	-	-	-	-	-	1	1.1	-	-	-	-	48
6	68.2	20	204.1	18	93.3	24	52.3	14	97.2	43	45.3	13	94.2	18	70.6	49
2	22.7	3	30.6	2	10.4	10	21.8	3	20.8	14	15.1	2	14.5	2	7.8	50
2	22.7	4	40.8	2	10.4	6	13.1	6	41.7	13	14.0	1	7.2	1	3.9	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	1	5.2	-	-	-	-	-	-	-	-	1	3.9	53
3	34.1	8	81.6	3	15.5	20	43.6	1	6.9	19	20.5	5	36.2	10	39.2	54
-	-	-	-	-	-	1	2.2	-	-	3	3.2	-	-	-	-	55
1	11.4	1	10.2	-	-	14	30.5	4	27.8	3	3.2	-	-	3	11.8	56
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57
-	-	1	10.2	1	5.2	-	-	-	-	2	2.2	-	-	3	11.8	58
1	11.4	-	-	-	-	2	4.4	4	27.8	6	6.5	4	29.0	-	-	59
-	-	-	-	1	5.2	-	-	1	6.9	3	3.2	2	14.5	-	-	60
-	-	-	-	1	5.2	1	2.2	1	6.9	3	3.2	1	7.2	2	7.8	61
-	-	-	-	-	-	1	2.2	-	-	1	1.1	-	-	-	-	62
-	-	-	-	1	5.2	-	-	1	6.9	2	2.2	1	7.2	2	7.8	63
1	11.4	-	-	-	-	-	-	-	-	-	-	2	14.5	1	3.9	64
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
-	-	-	-	4	20.7	2	4.4	1	6.9	6	6.5	1	7.2	2	7.8	67
-	-	-	-	2	10.4	3	6.5	1	6.9	8	9.5	-	-	2	7.8	68
-	-	-	-	-	-	2	4.4	1	6.9	5	5.4	-	-	-	-	69
-	-	-	-	2	10.4	1	2.2	-	-	3	3.2	-	-	2	7.8	70
-	-	1	10.2	-	-	3	6.5	1	6.9	3	3.2	-	-	1	3.9	71
2	22.7	12	122.4	10	51.8	32	69.7	9	62.5	58	52.4	7	50.7	22	86.3	72
8	90.9	4	40.8	7	36.3	15	32.7	7	48.6	38	40.9	3	21.7	11	43.1	73
3	34.1	2	20.4	6	31.1	10	21.8	3	20.8	21	22.6	2	14.5	5	19.6	74
5	56.8	2	20.4	1	5.2	5	10.9	4	27.8	17	18.3	1	7.2	6	23.5	75
-	-	2	20.4	1	5.2	5	10.9	1	6.9	8	8.6	3	21.7	1	3.9	76
-	-	-	-	-	-	1	2.2	-	-	1	1.1	-	-	-	-	77
-	-	-	-	-	-	1	2.2	-	-	2	2.2	-	-	2	7.8	78

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1979

LINE NO.		FLOYD NUMBER	FLOYD RATE	FRANKLIN NUMBER	FRANKLIN RATE	FREMONT NUMBER	FREMONT RATE
1	ESTIMATED POPULATION - JULY 1	20,100	...	13,300	...	9,100	...
2	LIVE BIRTHS	279	13.9	198	14.9	123	13.5
3	OUT OF WEDLOCK	20	71.7	12	60.6	6	48.8
4	CONGENITAL MALFORMATIONS	3	10.8	2	10.1	3	24.4
5	DEATHS FROM ALL CAUSES	223	11.1	164	12.3	111	12.2
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	3	10.8	-	-	2	16.3
8	NEONATAL DEATHS	2	7.2	1	5.1	-	-
9	PERINATAL DEATHS	5	17.9	1	5.1	2	16.3
10	INFANT DEATHS	2	7.2	1	5.1	-	-
11	MARRIAGES	161	8.0	83	5.7	63	6.9
12	DISSOLUTIONS	65	3.2	29	2.2	30	3.3
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	1	5.0	-	-	-	-
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	-	-	-	-	-	-
15	TUBERCULOSIS, OTHER FORMS	1	5.0	-	-	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	-	-	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	-	-	-	-	-	-
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	38	189.1	38	285.7	17	186.8
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	-	-	-	-	-	-
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	12	59.7	14	105.3	2	22.0
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	4	19.9	8	60.2	3	33.0
22	MALIGNANT NEOPLASMS OF BREAST	4	19.9	2	15.0	4	44.0
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	3	14.9	7	52.6	2	22.0
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	4	19.9	1	7.5	-	-
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	6	29.9	2	15.0	4	44.0
26	LEUKEMIA	2	10.0	-	-	1	11.0
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	3	14.9	4	30.1	1	11.0
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	-	-	-	-	1	11.0
29	DIABETES MELLITUS	5	24.9	1	7.5	-	-
30	ANEMIAS	-	-	-	-	-	-
31	MENINGITIS	-	-	-	-	-	-
32	MAJOR CARDIOVASCULAR DISEASES	142	705.5	98	736.8	71	780.2
33	DISEASES OF HEART	106	527.4	74	555.4	60	659.3
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	-	-	-	-	1	11.0
35	HYPERTENSIVE HEART DISEASE	1	5.0	-	-	-	-
36	HYPERTENSIVE HEART AND RENAL DISEASE	-	-	-	-	3	33.0
37	ISCHEMIC HEART DISEASE	97	482.6	70	526.3	48	527.5
38	ACUTE MYOCARDIAL INFARCTION	53	263.7	40	300.8	28	307.7
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	-	-	-	-	-	-
40	CHRONIC ISCHEMIC HEART DISEASE	44	218.9	30	225.6	20	219.8
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	-	-	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	-	-	-	-	-	-
43	ALL OTHER FORMS OF HEART DISEASE	8	39.8	4	30.1	8	87.9
44	HYPERTENSION	-	-	1	7.5	-	-
45	CEREBROVASCULAR DISEASES	30	149.3	15	120.3	10	109.9
46	CEREBRAL HEMORRHAGE	-	-	-	-	-	-
47	CEREBRAL THROMBOSIS	4	19.9	2	15.0	1	11.0
48	CEREBRAL EMBOLISM	-	-	-	-	-	-
49	ALL OTHER CEREBROVASCULAR DISEASES	26	129.4	14	105.3	9	98.9
50	ARTERIOSCLEROSIS	2	10.0	5	37.6	1	11.0
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	4	19.9	2	15.0	-	-
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	-	-	-	-	-	-
53	INFLUENZA	-	-	-	-	-	-
54	PNEUMONIA	8	39.8	6	45.1	3	33.0
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	-	-	-	-	-	-
56	EMPHYSEMA	4	19.9	1	7.5	5	54.9
57	ASTHMA	-	-	-	-	-	-
58	PEPTIC ULCER	-	-	-	-	1	11.0
59	CIRRHOSIS OF LIVER	2	10.0	1	7.5	1	11.0
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	1	5.0	-	-	-	-
61	NEPHRITIS AND NEPHROSIS	-	-	-	-	-	-
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	-	-	-	-	-	-
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	-	-	-	-	-	-
64	INFECTIONS OF KIDNEY	-	-	1	7.5	-	-
65	HYPERPLASIA OF PROSTATE	-	-	-	-	-	-
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	-	-	-	-	1	11.0
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	2	10.0	1	7.5	-	-
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	2	10.0	-	-	-	-
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	-	-	1	7.5	-	-
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	-	-	1	7.5	2	22.0
72	ALL OTHER DISEASES	11	54.7	9	67.7	4	44.0
73	ACCIDENTS	4	19.9	6	45.1	5	54.9
74	MOTOR VEHICLE ACCIDENTS	3	14.9	3	22.6	2	22.0
75	ALL OTHER ACCIDENTS	1	5.0	3	22.6	3	33.0
76	SUICIDES	3	14.9	1	7.5	-	-
77	HOMICIDE	2	10.0	-	-	-	-
78	OTHER EXTERNAL CAUSES	-	-	-	-	-	-

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

GREENE		GRUNDY		GUTHRIE		HAMLITON		HANCOCK		HARDIN		HARRISON		HENRY		LINE
NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NO.
11,900	...	14,300	...	12,200	...	17,700	...	13,700	...	21,400	...	15,300	...	18,100	...	1
171	14.4	187	13.1	158	13.0	243	13.7	225	16.4	295	13.8	215	13.2	291	16.1	2
10	58.5	8	42.8	8	50.6	18	74.1	5	22.2	17	57.6	24	111.6	11	37.8	3
7	40.9	7	37.4	6	38.0	4	16.5	3	13.3	6	20.3	3	14.0	7	24.1	4
132	11.1	138	9.7	120	9.8	181	10.2	135	9.9	234	10.9	170	10.4	176	9.7	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1	5.8	2	10.7	1	6.3	3	12.3	3	13.3	2	5.8	3	14.0	1	3.4	7
1	5.8	4	21.4	1	6.3	-	-	2	8.9	3	10.2	2	9.3	1	3.4	8
2	11.7	6	32.1	2	12.7	3	12.3	5	22.2	5	16.9	5	23.3	2	6.9	9
1	5.8	5	26.7	1	6.3	1	4.1	4	17.8	4	13.6	3	14.0	3	10.3	10
118	9.9	89	6.2	103	8.4	161	9.1	111	8.1	182	8.5	152	9.3	179	9.9	11
47	3.9	25	1.8	38	3.1	50	2.8	43	3.1	72	3.4	50	3.1	95	5.2	12
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
-	-	-	-	-	-	1	5.6	-	-	1	4.7	2	12.3	2	11.0	17
17	142.9	27	188.8	25	204.9	31	175.1	20	146.0	47	219.6	35	214.7	28	154.7	18
-	-	-	-	1	8.2	-	-	-	-	1	4.7	-	-	-	-	19
6	50.4	10	69.9	6	49.2	10	56.5	4	29.2	17	79.4	9	55.2	8	44.2	20
4	33.6	4	28.0	3	24.6	7	39.5	3	21.9	10	46.7	10	61.3	8	44.2	21
1	8.4	4	28.0	1	8.2	-	-	2	14.6	4	18.7	3	18.4	-	-	22
2	16.8	4	28.0	5	41.0	7	39.5	6	43.8	5	23.4	6	36.8	4	22.1	23
1	8.4	1	7.0	3	24.6	5	28.2	-	-	2	9.3	1	6.1	2	11.0	24
2	16.8	2	14.0	2	16.4	-	-	2	14.6	5	23.4	3	18.4	3	16.6	25
-	-	1	7.0	1	8.2	-	-	1	7.3	-	-	3	18.4	2	11.0	26
1	8.4	1	7.0	3	24.6	2	11.3	2	14.6	3	14.0	-	-	1	5.5	27
1	8.4	-	-	-	-	-	-	-	-	-	-	-	-	1	5.5	28
2	16.8	2	14.0	-	-	4	22.6	2	14.6	6	28.0	3	18.4	-	-	29
-	-	-	-	-	-	-	-	-	-	1	4.7	-	-	-	-	30
-	-	-	-	-	-	-	-	-	-	1	4.7	-	-	-	-	31
84	705.9	77	538.5	61	500.0	94	531.1	75	547.4	115	537.4	94	576.7	107	591.2	32
52	437.0	57	398.6	47	385.2	71	401.1	54	394.2	96	448.5	76	466.3	80	442.0	33
-	-	-	-	1	8.2	2	11.3	1	7.3	1	4.7	1	6.1	2	11.0	34
-	-	-	-	-	-	-	-	-	-	2	9.3	-	-	-	-	35
-	-	-	-	-	-	2	11.3	-	-	-	-	-	-	-	-	36
45	378.2	54	377.6	40	327.9	56	316.4	52	379.6	88	411.2	73	447.9	72	397.8	37
25	210.1	33	230.8	19	155.7	40	226.0	34	248.2	39	182.2	44	259.9	32	176.8	38
-	-	2	14.0	-	-	-	-	-	-	-	-	-	-	-	-	39
20	168.1	19	132.9	21	172.1	16	90.4	18	131.4	49	229.0	29	177.9	40	221.0	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5.5	42
7	58.8	3	21.0	6	49.2	11	62.1	1	7.3	5	23.4	2	12.3	5	27.6	43
2	16.8	2	14.0	-	-	-	-	-	-	1	4.7	-	-	-	-	44
22	184.9	13	90.9	10	82.0	22	124.3	20	146.0	16	74.8	12	73.6	22	121.5	45
-	-	1	7.0	1	8.2	2	11.3	1	7.3	1	4.7	-	-	1	5.5	46
1	8.4	2	14.0	1	8.2	3	16.9	1	7.3	-	-	3	18.4	13	71.8	47
-	-	-	-	-	-	-	-	-	-	1	4.7	-	-	-	-	48
21	176.5	10	69.9	8	65.6	17	96.0	18	131.4	14	65.4	9	55.2	8	44.2	49
6	50.4	-	-	4	32.8	-	-	1	7.3	2	9.3	2	12.3	3	16.6	50
2	16.8	5	35.0	-	-	1	5.6	-	-	-	-	4	24.5	2	11.0	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
3	25.2	2	14.0	3	24.6	-	-	2	14.6	-	-	-	-	-	-	53
-	-	8	55.9	4	32.8	21	118.6	10	73.0	14	65.4	1	6.1	7	38.7	54
-	-	-	-	-	-	-	-	-	-	-	-	2	12.3	-	-	55
2	16.8	-	-	3	24.6	5	28.2	-	-	2	9.3	3	18.4	-	-	56
-	-	-	-	1	8.2	-	-	-	-	-	-	1	5.1	1	5.5	57
-	-	-	-	1	8.2	1	5.6	1	7.3	2	9.3	1	6.1	-	-	58
-	-	-	-	-	-	1	5.6	1	7.3	1	4.7	1	6.1	6	33.1	59
1	8.4	-	-	2	16.4	-	-	-	-	1	4.7	-	-	-	-	60
1	8.4	-	-	3	24.6	-	-	-	-	3	14.0	1	6.1	-	-	61
1	8.4	-	-	-	-	-	-	-	-	1	4.7	-	-	-	-	62
-	-	-	-	3	24.6	-	-	-	-	2	9.3	1	6.1	-	-	63
-	-	-	-	-	-	-	-	-	-	2	9.3	-	-	2	11.0	64
-	-	-	-	-	-	-	-	1	7.3	-	-	1	6.1	-	-	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
2	16.8	-	-	2	16.4	2	11.3	-	-	-	-	-	-	-	-	67
-	-	4	28.0	-	-	-	-	2	14.6	3	14.0	2	12.3	1	5.5	68
-	-	-	-	-	-	-	-	1	7.3	1	4.7	-	-	1	5.5	69
-	-	4	28.0	-	-	-	-	1	7.3	2	9.3	2	12.3	-	-	70
-	-	3	21.0	1	8.2	1	5.6	-	-	1	4.7	-	-	1	5.5	71
9	75.6	8	55.9	5	41.0	12	67.8	10	73.0	20	93.5	10	61.3	13	71.8	72
8	67.2	5	35.0	7	57.4	8	45.2	10	73.0	12	55.1	13	79.8	4	22.1	73
3	25.2	3	21.0	1	8.2	5	28.2	3	21.9	5	23.4	8	49.1	3	16.6	74
5	42.0	2	14.0	6	49.2	3	16.9	7	51.1	7	32.7	5	30.7	1	5.5	75
2	16.8	2	14.0	2	16.4	-	-	1	7.3	-	-	-	-	1	5.5	76
-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	11.0	77
-	-	-	-	-	-	-	-	-	-	2	9.3	-	-	-	-	78

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

LINE NO.		HOWARD NUMBER	HOWARD RATE	HUMBOLDT NUMBER	HUMBOLDT RATE	IDA NUMBER	IDA RATE
1	ESTIMATED POPULATION - JULY 1	11,100	...	12,500	...	8,800	...
2	LIVE BIRTHS	155	14.0	175	14.1	119	13.5
3	OUT OF WEDLOCK	11	71.0	14	79.5	3	25.2
4	CONGENITAL MALFORMATIONS	5	32.3	4	22.7	5	42.0
5	DEATHS FROM ALL CAUSES	121	10.9	125	10.0	95	10.8
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	3	19.4	-	-	-	-
8	NEONATAL DEATHS	-	-	2	11.4	2	16.8
9	PERINATAL DEATHS	3	19.4	2	11.4	2	16.8
10	INFANT DEATHS	-	-	2	11.4	3	25.2
11	MARRIAGES	99	8.9	102	8.2	83	9.4
12	DISSOLUTIONS	15	1.4	21	1.7	20	2.3
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	-	-	-	-	-	-
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	-	-	-	-	-	-
15	TUBERCULOSIS, OTHER FORMS	-	-	-	-	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	-	-	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	2	18.0	1	8.0	-	-
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	16	144.1	24	192.0	17	193.2
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	-	-	-	-	-	-
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	5	45.0	9	72.0	5	56.8
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	3	27.0	1	8.0	3	34.1
22	MALIGNANT NEOPLASMS OF BREAST	1	9.0	4	32.0	1	11.4
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	2	18.0	2	16.0	1	11.4
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	-	-	1	8.0	2	22.7
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	4	36.0	5	40.0	3	34.1
26	LEUKEMIA	-	-	1	8.0	2	22.7
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	1	9.0	1	8.0	-	-
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	-	-	-	-	-	-
29	DIABETES MELLITUS	2	18.0	3	24.0	1	11.4
30	ANEMIAS	-	-	-	-	-	-
31	MENINGITIS	-	-	-	-	-	-
32	MAJOR CARDIOVASCULAR DISEASES	69	621.6	71	568.0	55	625.0
33	DISEASES OF HEART	51	459.5	54	432.0	45	511.4
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	3	27.0	1	8.0	1	11.4
35	HYPERTENSIVE HEART DISEASE	-	-	-	-	1	11.4
36	HYPERTENSIVE HEART AND RENAL DISEASE	-	-	-	-	-	-
37	ISCHEMIC HEART DISEASE	45	405.4	51	408.0	39	443.2
38	ACUTE MYOCARDIAL INFARCTION	20	180.2	17	136.0	18	204.5
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	-	-	-	-	-	-
40	CHRONIC ISCHEMIC HEART DISEASE	25	225.2	34	272.0	21	238.6
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	-	-	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	-	-	1	8.0	-	-
43	ALL OTHER FORMS OF HEART DISEASE	3	27.0	1	8.0	4	45.5
44	HYPERTENSION	-	-	-	-	-	-
45	CEREBROVASCULAR DISEASES	13	117.1	15	120.0	9	102.3
46	CEREBRAL HEMORRHAGE	2	18.0	2	16.0	1	11.4
47	CEREBRAL THROMBOSIS	2	18.0	-	-	3	34.1
48	CEREBRAL EMBOLISM	1	9.0	-	-	-	-
49	ALL OTHER CEREBROVASCULAR DISEASES	8	72.1	13	104.0	5	56.8
50	ARTERIOSCLEROSIS	4	36.0	2	15.0	-	-
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	9.0	-	-	1	11.4
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	-	-	-	-	-	-
53	INFLUENZA	-	-	3	24.0	1	11.4
54	PNEUMONIA	11	99.1	2	16.0	2	22.7
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	-	-	-	-	-	-
56	EMPHYSEMA	-	-	-	-	1	11.4
57	ASTHMA	-	-	-	-	-	-
58	PEPTIC ULCER	-	-	-	-	-	-
59	CIRRHOSIS OF LIVER	2	18.0	-	-	1	11.4
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	-	-	-	-	-	-
61	NEPHRITIS AND NEPHROSIS	1	9.0	-	-	-	-
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	-	-	-	-	-	-
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	1	9.0	-	-	-	-
64	INFECTIONS OF KIDNEY	-	-	-	-	-	-
65	HYPERPLASIA OF PROSTATE	1	9.0	-	-	-	-
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	-	-	1	8.0	1	11.4
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	-	-	1	8.0	1	11.4
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	-	-	1	8.0	1	11.4
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	-	-	-	-	-	-
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	-	-	-	-	-	-
72	ALL OTHER DISEASES	10	90.1	7	56.0	6	68.2
73	ACCIDENTS	6	54.1	8	64.0	8	90.9
74	MOTOR VEHICLE ACCIDENTS	3	27.0	3	24.0	7	79.5
75	ALL OTHER ACCIDENTS	3	27.0	5	40.0	1	11.4
76	SUICIDES	-	-	4	32.0	-	-
77	HOMICIDE	1	9.0	-	-	-	-
78	OTHER EXTERNAL CAUSES	-	-	-	-	1	11.4

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

IOWA		JACKSON		JASPER		JEFFERSON		JOHNSON		JONES		KEOKUK		KOSSUTH		LINE
NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NO.
15,000	...	22,700	...	36,600	...	15,100	...	78,000	...	19,800	...	13,200	...	22,800	...	1
205	13.7	385	17.0	536	14.6	197	13.0	1,170	15.0	314	15.9	181	13.7	338	14.8	2
9	43.9	24	62.3	38	70.9	17	86.3	75	64.1	24	76.4	10	55.2	17	50.3	3
2	9.8	6	15.6	6	11.2	4	20.3	13	11.1	4	12.7	1	5.5	9	26.6	4
152	10.1	229	10.1	332	9.1	187	9.7	396	5.1	180	9.1	141	10.7	212	9.3	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
2	9.8	2	5.2	1	1.9	2	10.2	9	7.7	3	9.6	-	-	2	5.9	7
1	4.9	4	10.4	6	11.2	-	-	7	6.0	1	3.2	4	22.1	3	8.9	8
3	14.6	5	15.6	7	13.1	2	10.2	16	13.7	4	12.7	4	22.1	5	14.8	9
1	4.9	4	10.4	7	13.1	-	-	10	8.5	3	9.6	4	22.1	3	8.9	10
136	9.1	191	8.4	339	9.3	160	10.6	683	8.8	167	8.4	118	8.9	203	8.9	11
41	2.7	34	1.5	145	4.0	56	3.7	366	4.7	56	2.8	27	2.0	38	1.7	12
-	-	-	-	-	-	-	-	1	1.3	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	1	1.3	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
2	13.3	-	-	2	5.5	3	19.9	3	3.8	4	20.2	-	-	1	4.4	17
31	206.7	45	198.2	80	218.6	27	178.8	98	112.8	33	166.7	26	197.0	47	206.1	18
2	13.3	-	-	2	5.5	1	6.6	1	1.3	-	-	-	-	-	-	19
7	46.7	9	39.6	26	71.0	8	53.0	30	38.5	12	60.6	9	68.2	8	35.1	20
4	26.7	14	61.7	14	38.3	2	13.2	25	32.1	12	60.6	3	22.7	11	48.2	21
4	26.7	3	13.2	7	19.1	5	33.1	9	11.5	2	10.1	2	15.2	6	26.3	22
5	33.3	8	35.2	11	30.1	4	26.5	12	15.4	4	20.2	4	30.3	6	26.3	23
2	13.3	1	4.4	2	5.5	3	19.9	3	3.8	-	-	1	7.6	3	13.2	24
5	33.3	7	30.8	9	24.6	2	13.2	5	6.4	1	5.1	6	45.5	7	30.7	25
-	-	1	4.4	5	13.7	-	-	-	-	-	-	-	-	3	13.2	26
2	13.3	2	8.8	4	10.9	2	13.2	3	3.8	2	10.1	1	7.6	3	13.2	27
-	-	-	-	1	2.7	-	-	4	5.1	1	5.1	-	-	-	-	28
1	6.7	5	22.0	5	13.7	5	33.1	3	3.8	4	20.2	-	-	4	17.5	29
1	6.7	1	4.4	-	-	-	-	-	-	-	-	1	7.6	-	-	30
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
89	593.3	131	577.1	179	489.1	75	496.7	202	259.0	92	464.6	83	628.8	107	469.3	32
72	480.0	95	418.5	122	333.3	52	344.4	150	192.3	71	358.6	60	454.5	75	328.9	33
2	13.3	-	-	3	8.2	2	13.2	1	1.3	2	10.1	-	-	1	4.4	34
1	6.7	-	-	1	2.7	-	-	2	2.6	-	-	-	-	1	4.4	35
-	-	2	8.8	-	-	2	13.2	-	-	-	-	-	-	1	4.4	36
64	426.7	86	378.9	110	300.5	43	284.8	136	174.4	63	318.2	49	371.2	57	250.0	37
35	233.3	45	202.6	74	202.2	23	152.3	63	80.8	41	207.1	24	181.8	36	157.9	38
1	6.7	-	-	1	2.7	-	-	1	1.3	-	-	-	-	1	4.4	39
28	186.7	40	176.2	35	95.6	20	132.5	72	92.3	22	111.1	24	181.8	19	83.3	40
-	-	-	-	-	-	-	-	-	-	-	-	1	7.6	1	4.4	41
-	-	-	-	1	2.7	-	-	-	-	1	5.1	2	15.2	-	-	42
5	33.3	7	30.8	7	19.1	5	33.1	11	14.1	5	25.3	9	68.2	15	65.8	43
-	-	-	-	-	-	1	6.6	1	1.3	1	5.1	2	15.2	4	17.5	44
13	86.7	22	96.9	38	103.8	18	119.2	33	42.3	18	90.9	17	128.8	21	92.1	45
2	13.3	5	22.0	4	10.9	2	13.2	2	2.6	-	-	1	7.6	2	8.8	46
3	20.0	4	17.6	9	24.6	5	33.1	9	11.5	4	20.2	3	22.7	3	13.2	47
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
8	53.3	13	57.3	25	68.3	11	72.8	22	28.2	14	70.7	13	98.5	16	70.2	49
-	-	8	35.2	13	35.5	2	13.2	9	11.5	2	10.1	-	-	5	21.9	50
4	26.7	5	26.4	6	16.4	2	13.2	9	11.5	-	-	4	30.3	2	8.8	51
-	-	1	4.4	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	1	1.3	-	-	-	-	1	4.4	53
3	20.0	9	39.6	10	27.3	7	46.4	8	10.3	6	30.3	4	30.3	8	35.1	54
-	-	-	-	-	-	1	6.6	-	-	-	-	-	-	2	8.8	55
2	13.3	2	8.8	3	8.2	-	-	5	6.4	1	5.1	-	-	2	8.8	56
-	-	-	-	1	2.7	-	-	1	1.3	-	-	-	-	-	-	57
-	-	1	4.4	2	5.5	-	-	1	1.3	1	5.1	-	-	1	4.4	58
1	6.7	-	-	3	8.2	-	-	7	9.0	1	5.1	1	7.6	-	-	59
1	6.7	1	4.4	1	2.7	-	-	1	1.3	-	-	-	-	-	-	60
-	-	1	4.4	1	2.7	1	6.6	-	-	1	5.1	-	-	1	4.4	61
-	-	-	-	1	2.7	1	6.6	-	-	-	-	-	-	-	-	62
-	-	1	4.4	-	-	-	-	-	-	1	5.1	-	-	1	4.4	63
-	-	-	-	-	-	2	13.2	-	-	-	-	-	-	-	-	64
-	-	-	-	-	-	-	-	-	-	-	-	2	15.2	-	-	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
-	-	2	8.8	3	8.2	-	-	5	6.4	2	10.1	3	22.7	1	4.4	67
1	6.7	2	8.8	3	8.2	-	-	4	5.1	1	5.1	2	15.2	1	4.4	68
-	-	-	-	2	5.5	-	-	2	2.6	-	-	2	15.2	1	4.4	69
1	6.7	2	8.8	1	2.7	-	-	2	2.6	1	5.1	-	-	-	-	70
-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	8.8	71
11	73.3	15	66.1	14	38.3	19	125.8	33	42.3	17	85.9	9	68.2	18	78.9	72
9	60.0	10	44.1	17	46.4	3	19.9	21	26.9	11	55.6	8	60.6	15	65.8	73
4	26.7	6	26.4	5	13.7	-	-	14	17.9	4	20.2	4	30.3	9	39.5	74
5	33.3	4	17.6	12	32.8	3	19.9	7	9.0	7	35.4	4	30.3	6	26.3	75
-	-	2	8.8	6	16.4	4	26.5	5	6.4	3	15.2	2	15.2	1	4.4	76
-	-	1	4.4	1	2.7	-	-	2	2.6	-	-	-	-	-	-	77
-	-	-	-	-	-	-	-	1	1.3	2	10.1	-	-	-	-	78

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1979

LINE NO.		LEE		LINN		LOUISA	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1	ESTIMATED POPULATION - JULY 1	42,400	...	155,500	...	11,500	...
2	LIVE BIRTHS	690	16.3	2,533	15.2	179	15.4
3	OUT OF WEDLOCK	76	110.1	271	107.0	10	55.9
4	CONGENITAL MALFORMATIONS	16	23.2	44	17.4	5	33.5
5	DEATHS FROM ALL CAUSES	453	10.7	1,239	7.4	109	9.4
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	5	7.2	24	9.5	3	16.8
8	NEONATAL DEATHS	6	8.7	23	9.1	-	-
9	PERINATAL DEATHS	11	15.9	47	18.5	3	16.8
10	INFANT DEATHS	9	13.0	37	14.6	-	-
11	MARRIAGES	429	10.1	1,487	8.9	95	8.3
12	DISSOLUTIONS	195	4.6	538	3.2	40	3.4
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	-	-	2	1.2	-	-
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	-	-	-	-	-	-
15	TUBERCULOSIS, OTHER FORMS	-	-	2	1.2	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	-	-	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	2	4.7	10	5.0	-	-
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	77	181.6	289	173.6	16	137.9
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	-	-	5	3.6	-	-
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	26	61.3	94	56.5	5	43.1
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	14	33.0	76	45.6	2	17.2
22	MALIGNANT NEOPLASMS OF BREAST	2	4.7	16	9.6	2	17.2
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	8	18.9	31	18.6	4	34.5
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	10	23.6	11	5.6	-	-
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	6	14.2	23	13.8	-	-
26	LEUKEMIA	8	18.9	11	5.6	2	17.2
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	3	7.1	21	12.6	1	8.6
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	-	-	3	1.8	-	-
29	DIABETES MELLITUS	10	23.6	24	14.4	1	8.6
30	ANEMIAS	1	2.4	4	2.4	-	-
31	MENINGITIS	-	-	-	-	-	-
32	MAJOR CARDIOVASCULAR DISEASES	248	584.9	605	363.4	62	534.5
33	DISEASES OF HEART	187	441.0	439	263.7	47	405.2
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	2	4.7	7	4.2	-	-
35	HYPERTENSIVE HEART DISEASE	3	7.1	4	2.4	1	8.6
36	HYPERTENSIVE HEART AND RENAL DISEASE	1	2.4	3	1.8	-	-
37	ISCHEMIC HEART DISEASE	162	382.1	377	226.4	42	362.1
38	ACUTE MYOCARDIAL INFARCTION	89	209.9	173	103.1	14	120.7
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	1	2.4	-	-	-	-
40	CHRONIC ISCHEMIC HEART DISEASE	72	169.8	207	124.3	28	241.4
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	-	-	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	1	2.4	-	-	-	-
43	ALL OTHER FORMS OF HEART DISEASE	18	42.5	43	28.8	4	34.5
44	HYPERTENSION	2	4.7	7	4.2	-	-
45	CEREBROVASCULAR DISEASES	45	106.1	119	71.5	14	120.7
46	CEREBRAL HEMORRHAGE	8	18.9	12	7.2	1	8.6
47	CEREBRAL THROMBOSIS	14	33.0	10	6.0	-	-
48	CEREBRAL EMBOLISM	-	-	2	1.2	-	-
49	ALL OTHER CEREBROVASCULAR DISEASES	23	54.2	95	57.1	13	112.1
50	ARTERIOSCLEROSIS	5	11.8	23	13.8	1	8.6
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	9	21.2	17	10.2	-	-
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	-	-	-	-	-	-
53	INFLUENZA	-	-	2	1.2	1	8.6
54	PNEUMONIA	14	33.0	37	22.2	3	25.9
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	1	2.4	4	2.4	1	8.6
56	EMPHYSEMA	9	21.2	10	6.0	-	-
57	ASTHMA	1	2.4	1	0.6	-	-
58	PEPTIC ULCER	2	4.7	6	3.6	-	-
59	CIRRHOSIS OF LIVER	7	16.5	11	6.6	1	8.6
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	1	2.4	2	1.2	1	8.6
61	NEPHRITIS AND NEPHROSIS	2	4.7	9	5.4	1	8.6
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	1	2.4	2	1.2	1	8.6
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	1	2.4	7	4.2	-	-
64	INFECTIONS OF KIDNEY	1	2.4	3	1.8	1	8.6
65	HYPERPLASIA OF PROSTATE	-	-	1	0.6	-	-
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	4	9.4	12	7.2	-	-
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	4	9.4	15	9.0	-	-
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	2	4.7	9	5.4	-	-
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	2	4.7	6	3.6	-	-
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	5	11.8	8	4.8	-	-
72	ALL OTHER DISEASES	29	68.4	102	61.3	12	103.4
73	ACCIDENTS	33	77.8	57	34.2	8	69.0
74	MOTOR VEHICLE ACCIDENTS	14	33.0	25	15.0	6	51.7
75	ALL OTHER ACCIDENTS	19	44.8	32	19.2	2	17.2
76	SUICIDES	2	4.7	18	10.8	1	8.6
77	HOMICIDE	-	-	4	2.4	-	-
78	OTHER EXTERNAL CAUSES	-	-	-	-	-	-

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

LUCAS		LYON		MADISON		MAHASKA		MARION		MARSHALL		MILLS		MITCHELL		LINE
NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NO.
10,100	...	13,400	...	12,600	...	22,700	...	28,900	...	42,300	...	13,100	...	12,500	...	1
146	14.5	215	16.0	193	15.3	352	15.5	443	15.3	576	13.6	194	14.8	182	14.4	2
15	102.7	2	9.3	6	31.1	12	34.1	27	60.9	46	79.9	18	92.8	12	65.9	3
2	13.7	5	23.3	6	31.1	2	5.7	5	11.3	16	27.8	8	41.2	3	16.5	4
121	12.0	121	9.0	135	10.7	247	10.9	276	9.6	394	9.3	109	8.3	152	12.1	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
-	-	-	-	2	10.4	1	2.8	7	15.8	3	5.2	3	15.5	-	-	7
-	-	1	4.7	1	5.2	3	8.5	3	6.8	7	12.2	2	10.3	2	11.0	8
-	-	1	4.7	3	15.5	4	11.4	10	22.6	10	17.4	5	25.8	2	11.0	9
-	-	2	9.3	2	10.4	4	11.4	4	9.0	10	17.4	2	10.3	3	16.5	10
118	11.7	105	7.8	120	9.5	231	10.2	291	10.1	349	8.3	104	7.9	139	11.0	11
30	3.0	12	0.9	46	3.7	96	4.2	113	3.9	188	4.4	42	3.2	20	1.6	12
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
-	-	-	-	1	7.9	3	13.2	-	-	2	4.7	4	30.5	1	7.9	17
15	148.5	29	216.4	31	246.0	52	229.1	40	138.4	86	203.3	19	145.0	25	198.4	18
-	-	-	-	1	7.9	-	-	-	-	2	4.7	-	-	1	7.9	19
3	29.7	9	67.2	15	119.0	13	57.3	14	48.4	23	54.4	5	38.2	4	31.7	20
3	29.7	5	37.3	11	87.3	13	57.3	3	10.4	21	49.6	4	30.5	3	23.8	21
2	19.8	4	29.9	1	7.9	6	26.4	4	13.8	6	14.2	1	7.6	2	15.9	22
2	19.8	1	7.5	-	-	6	26.4	1	3.5	14	33.1	4	30.5	3	23.8	23
3	29.7	-	-	1	7.9	2	8.8	2	6.9	2	4.7	-	-	3	23.8	24
-	-	5	37.3	-	-	5	22.0	4	13.8	9	21.3	2	15.3	5	39.7	25
1	9.9	2	14.9	-	-	5	22.0	6	20.8	3	7.1	1	7.6	1	7.9	26
1	9.9	3	22.4	2	15.9	2	8.8	6	20.8	6	14.2	2	15.3	3	23.8	27
-	-	-	-	-	-	-	-	-	-	1	2.4	-	-	-	-	28
3	29.7	1	7.5	3	23.8	-	-	6	20.8	6	14.2	1	7.6	4	31.7	29
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7.9	30
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
75	742.6	53	470.1	70	555.6	145	638.8	173	598.6	224	529.6	57	435.1	88	698.4	32
56	554.5	46	383.3	54	428.6	92	405.3	125	432.5	152	359.3	47	358.8	55	436.5	33
-	-	-	-	1	7.9	-	-	3	10.4	3	7.1	1	7.6	1	7.9	34
1	9.9	-	-	-	-	2	8.8	3	10.4	2	4.7	-	-	-	-	35
-	-	-	-	-	-	-	-	-	-	1	2.4	-	-	-	-	36
52	514.9	35	261.2	50	396.8	85	374.4	108	373.7	126	297.9	45	343.5	52	412.7	37
36	356.4	23	171.6	25	198.4	38	167.4	82	283.7	44	104.0	29	221.4	32	254.0	38
-	-	-	-	-	-	1	4.4	-	-	-	-	-	-	-	-	39
16	158.4	12	89.6	25	198.4	46	202.6	26	90.0	82	193.9	16	122.1	20	158.7	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
1	9.9	10	74.6	-	-	-	-	-	-	-	-	-	-	-	-	42
2	19.8	1	7.5	3	23.8	5	22.0	11	38.1	20	47.3	1	7.6	2	15.9	43
2	19.8	-	-	-	-	2	8.8	4	13.8	-	-	-	-	-	-	44
15	148.5	15	111.9	8	63.5	40	176.2	39	134.9	41	96.9	5	38.2	29	230.2	45
3	29.7	1	7.5	-	-	-	-	2	6.9	3	7.1	1	7.6	15	119.0	46
-	-	1	7.5	2	15.9	3	13.2	1	3.5	9	21.3	1	7.6	-	-	47
-	-	1	7.5	-	-	-	-	-	-	-	-	-	-	-	-	48
12	118.8	12	89.6	6	47.6	37	163.0	36	124.6	29	68.6	3	22.9	14	111.1	49
1	9.9	2	14.9	7	55.6	6	26.4	2	6.9	23	54.4	2	15.3	1	7.9	50
1	9.9	-	-	1	7.9	5	22.0	3	10.4	8	18.9	3	22.9	3	23.8	51
-	-	-	-	-	-	1	4.4	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	1	4.4	-	-	-	-	-	-	-	-	53
4	39.6	5	37.3	6	47.6	6	26.4	15	51.9	3	7.1	5	38.2	6	47.6	54
1	9.9	-	-	-	-	3	13.2	-	-	4	9.5	-	-	-	-	55
2	19.8	1	7.5	1	7.9	1	4.4	1	3.5	5	11.8	-	-	-	-	56
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57
1	9.9	-	-	-	-	-	-	1	3.5	1	2.4	3	22.9	1	7.9	58
1	9.9	-	-	1	7.9	1	4.4	2	6.9	4	9.5	-	-	1	7.9	59
-	-	-	-	1	7.9	-	-	1	3.5	-	-	-	-	1	7.9	60
1	9.9	-	-	1	7.9	-	-	-	-	-	-	-	-	-	-	61
1	9.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62
-	-	-	-	1	7.9	-	-	-	-	-	-	-	-	-	-	63
-	-	-	-	-	-	-	-	2	6.9	-	-	1	7.6	-	-	64
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
-	-	1	7.5	1	7.9	-	-	2	6.9	4	9.5	1	7.6	3	23.8	67
-	-	-	-	-	-	2	8.8	2	6.9	5	11.8	2	15.3	1	7.9	68
-	-	-	-	-	-	2	8.8	1	3.5	4	9.5	2	15.3	1	7.9	69
-	-	-	-	-	-	-	-	1	3.5	1	2.4	-	-	-	-	70
-	-	1	7.5	2	15.9	4	17.6	-	-	4	9.5	-	-	-	-	71
9	89.1	11	82.1	7	55.6	11	48.5	15	51.9	28	66.2	4	30.5	15	119.0	72
6	59.4	7	52.2	10	79.4	9	39.6	12	41.5	14	33.1	9	68.7	5	39.7	73
3	29.7	5	37.3	9	71.4	3	13.2	6	20.8	5	11.8	6	45.8	3	23.8	74
3	29.7	2	14.9	1	7.9	6	26.4	6	20.8	9	21.3	3	22.9	2	15.9	75
2	19.8	1	7.5	-	-	7	30.8	4	13.8	2	4.7	1	7.6	-	-	76
-	-	1	7.5	-	-	1	4.4	-	-	1	2.4	2	15.3	-	-	77
1	9.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

LINE NO.		MONONA NUMBER	MONONA RATE	MONROE NUMBER	MONROE RATE	MONTGOMERY NUMBER	MONTGOMERY RATE
1	ESTIMATED POPULATION - JULY 1	11,900	...	9,400	...	13,000	...
2	LIVE BIRTHS	178	15.0	130	13.8	191	14.7
3	OUT OF WEDLOCK	11	61.8	7	53.8	16	83.8
4	CONGENITAL MALFORMATIONS	5	28.1	2	15.4	6	31.4
5	DEATHS FROM ALL CAUSES	174	14.6	114	12.1	169	13.0
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	-	-	1	7.7	2	10.5
8	NEONATAL DEATHS	4	22.5	2	15.4	-	-
9	PERINATAL DEATHS	4	22.5	2	15.4	2	10.5
10	INFANT DEATHS	4	22.5	2	15.4	-	-
11	MARRIAGES	84	6.2	79	8.4	113	8.7
12	DISSOLUTIONS	34	2.8	14	1.5	56	4.3
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	-	-	-	-	-	-
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	-	-	-	-	-	-
15	TUBERCULOSIS, OTHER FORMS	-	-	-	-	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	-	-	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	-	-	-	-	-	-
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	22	184.9	17	180.9	36	276.9
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	-	-	-	-	1	7.7
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	6	50.4	4	42.5	10	76.9
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	5	42.0	3	31.9	6	46.2
22	MALIGNANT NEOPLASMS OF BREAST	1	8.4	1	10.6	5	38.5
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	3	25.2	1	10.6	4	30.8
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	2	16.8	-	-	1	7.7
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	-	-	2	21.3	7	53.8
26	LEUKEMIA	2	16.8	1	10.6	1	7.7
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	4	33.6	3	31.9	1	7.7
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	1	8.4	-	-	-	-
29	DIABETES MELLITUS	5	42.0	1	10.6	2	15.4
30	ANEMIAS	-	-	1	10.6	-	-
31	MENINGITIS	-	-	-	-	-	-
32	MAJOR CARDIOVASCULAR DISEASES	102	857.1	69	734.0	101	776.9
33	DISEASES OF HEART	66	554.6	51	542.6	81	869.2
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	-	-	1	10.6	3	23.1
35	HYPERTENSIVE HEART DISEASE	-	-	-	-	-	-
36	HYPERTENSIVE HEART AND RENAL DISEASE	3	25.2	-	-	-	-
37	ISCHEMIC HEART DISEASE	52	437.0	43	457.4	54	415.4
38	ACUTE MYOCARDIAL INFARCTION	35	302.5	29	308.5	35	269.2
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	1	8.4	-	-	-	-
40	CHRONIC ISCHEMIC HEART DISEASE	15	126.1	14	148.9	19	146.2
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	-	-	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	5	42.0	1	10.6	-	-
43	ALL OTHER FORMS OF HEART DISEASE	6	50.4	5	53.3	4	30.8
44	HYPERTENSION	2	16.8	1	10.6	-	-
45	CEREBROVASCULAR DISEASES	30	252.1	10	106.4	28	215.4
46	CEREBRAL HEMORRHAGE	9	75.6	1	10.6	2	15.4
47	CEREBRAL THROMBOSIS	8	67.2	-	-	4	30.8
48	CEREBRAL EMBOLISM	2	16.8	-	-	-	-
49	ALL OTHER CEREBROVASCULAR DISEASES	11	92.4	9	95.7	22	169.2
50	ARTERIOSCLEROSIS	-	-	6	63.8	9	69.2
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	4	33.6	1	10.6	3	23.1
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	-	-	-	-	-	-
53	INFLUENZA	-	-	-	-	-	-
54	PNEUMONIA	2	16.8	5	53.2	6	46.2
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	1	8.4	-	-	-	-
56	EMPHYSEMA	6	50.4	1	10.6	5	38.5
57	ASTHMA	-	-	-	-	-	-
58	PEPTIC ULCER	1	8.4	-	-	-	-
59	CIRRHOSIS OF LIVER	3	25.2	1	10.6	-	-
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	-	-	-	-	-	-
61	NEPHRITIS AND NEPHROSIS	1	8.4	-	-	1	7.7
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	-	-	-	-	-	-
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	1	8.4	-	-	1	7.7
64	INFECTIONS OF KIDNEY	-	-	-	-	-	-
65	HYPERPLASIA OF PROSTATE	-	-	-	-	-	-
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	1	8.4	-	-	2	15.4
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	3	25.2	1	10.6	-	-
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	2	16.8	-	-	-	-
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	1	8.4	1	10.6	-	-
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	-	-	1	10.6	1	7.7
72	ALL OTHER DISEASES	14	117.6	9	95.7	7	53.8
73	ACCIDENTS	10	84.0	5	53.2	7	53.8
74	MOTOR VEHICLE ACCIDENTS	7	58.8	4	42.6	5	38.5
75	ALL OTHER ACCIDENTS	3	25.2	1	10.6	2	15.4
76	SUICIDES	2	16.8	1	10.6	1	7.7
77	HOMICIDE	-	-	1	10.6	-	-
78	OTHER EXTERNAL CAUSES	-	-	-	-	-	-

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

MUSCATINE		OBRIEN		OSCEOLA		PAGE		PALO ALTO		PLYMOUTH		POCAHONTAS		POLK		LINE
NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NO.
39,500	...	17,400	...	8,000	...	19,000	...	13,200	...	24,700	...	11,500	...	300,000	...	1
680	17.2	274	15.7	122	15.3	292	15.4	187	14.2	379	15.3	158	13.6	4,714	15.7	2
80	117.6	9	32.8	5	41.0	22	75.3	17	90.9	25	65.0	4	25.3	645	136.8	3
11	16.2	9	32.8	2	16.4	8	27.4	6	32.1	7	18.5	3	19.0	73	15.5	4
389	9.8	192	10.5	97	12.1	246	12.9	137	10.4	220	8.9	155	13.4	2,486	8.3	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
16	23.5	1	3.6	1	8.2	3	10.3	1	5.3	-	-	2	12.7	48	10.?	7
7	10.3	-	-	-	-	2	6.8	1	5.3	1	2.6	1	6.3	40	8.5	8
23	33.8	1	3.6	1	8.2	5	17.1	2	10.7	1	2.6	3	19.0	88	18.7	9
9	13.2	1	3.6	1	8.2	3	10.3	2	10.7	2	5.3	2	12.7	59	12.5	10
396	10.0	148	8.5	71	8.9	174	9.2	101	7.7	217	8.8	104	9.0	3,133	10.4	11
248	6.3	34	2.0	13	1.6	75	3.9	27	2.0	60	2.4	28	2.4	1,788	6.0	12
-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.7	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.7	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
1	2.5	1	5.7	1	12.5	3	15.8	-	-	1	4.0	1	8.6	21	7.0	17
71	179.7	32	183.9	21	262.5	45	236.8	23	174.2	56	226.7	29	250.0	523	174.3	18
-	-	1	5.7	-	-	-	-	-	-	1	4.0	-	-	10	3.3	19
23	58.2	11	63.2	6	75.0	9	47.4	7	53.0	21	85.3	17	146.6	159	52.7	20
22	55.7	6	34.5	4	50.0	3	15.8	2	15.2	6	24.3	2	17.2	123	42.7	21
5	12.7	4	23.0	2	25.0	7	36.8	1	7.6	5	20.2	3	25.9	40	13.3	22
4	10.1	1	5.7	3	37.5	8	42.1	3	22.7	7	28.3	1	8.6	64	21.3	23
5	12.7	2	11.5	-	-	2	10.5	3	22.7	-	-	1	8.6	27	9.0	24
5	12.7	2	11.5	3	37.5	6	31.6	3	22.7	9	36.4	2	17.2	43	14.3	25
3	7.6	2	11.5	-	-	6	31.6	1	7.6	3	12.1	3	25.9	25	8.3	26
4	10.1	3	17.2	3	37.5	4	21.1	3	22.7	4	16.2	-	-	28	9.3	27
-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1.7	28
6	15.2	3	17.2	-	-	3	15.8	1	7.6	1	4.0	2	17.2	28	9.3	29
-	-	1	5.7	-	-	-	-	-	-	-	-	-	-	1	0.3	30
-	-	1	5.7	-	-	-	-	-	-	-	-	-	-	1	0.3	31
210	531.6	118	678.2	57	712.5	148	778.9	80	606.1	109	441.3	90	775.9	1,288	429.3	32
153	387.3	87	500.0	45	562.5	118	621.1	65	492.4	65	263.2	65	560.3	1,013	337.7	33
1	2.5	-	-	-	-	1	5.3	1	7.6	2	8.1	-	-	6	2.0	34
4	10.1	-	-	2	25.0	-	-	-	-	-	-	-	-	4	1.3	35
-	-	1	5.7	1	12.5	3	15.8	-	-	3	12.1	-	-	6	2.0	36
116	293.7	79	454.0	40	500.0	105	552.6	60	454.5	49	198.4	50	517.2	917	305.7	37
65	164.6	43	247.1	8	100.0	46	242.1	35	265.2	17	68.8	35	301.7	577	192.3	38
-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1.3	39
51	129.1	36	206.9	32	400.0	59	310.5	25	189.4	32	129.6	25	215.5	336	112.0	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
3	7.6	-	-	-	-	-	-	1	7.6	-	-	1	8.6	3	1.0	42
29	73.4	7	40.2	2	25.0	9	47.4	3	22.7	11	44.5	4	34.5	77	25.7	43
-	-	-	-	-	-	-	-	-	-	-	-	1	8.6	7	2.3	44
43	108.9	15	92.0	6	75.0	23	121.1	14	106.1	23	93.1	19	163.8	195	65.0	45
6	15.2	3	17.2	-	-	2	10.5	-	-	3	12.1	5	43.1	27	9.0	46
9	22.8	2	11.5	2	25.0	-	-	1	7.6	6	24.3	5	43.1	26	8.7	47
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
28	70.9	11	63.2	4	50.0	21	110.5	13	98.5	14	56.7	9	77.6	142	47.3	49
8	20.3	9	51.7	5	62.5	6	31.6	-	-	17	68.8	4	34.5	27	9.0	50
6	15.2	6	34.5	1	12.5	1	5.3	1	7.6	4	16.2	1	8.6	46	15.3	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
3	7.6	3	17.2	-	-	2	10.5	1	7.6	1	4.0	-	-	7	2.3	53
16	40.5	3	17.2	6	75.0	9	47.4	3	22.7	4	16.2	9	77.6	78	26.0	54
-	-	-	-	-	-	-	-	-	-	2	8.1	-	-	6	2.0	55
1	2.5	-	-	2	25.0	2	10.5	2	15.2	5	20.2	1	8.6	30	10.0	56
-	-	-	-	-	-	-	-	1	7.6	-	-	1	8.6	-	-	57
-	-	-	-	-	-	-	-	-	-	-	-	2	17.2	8	2.7	58
2	5.1	3	17.2	1	12.5	-	-	2	15.2	-	-	-	-	30	10.0	59
2	5.1	-	-	-	-	1	5.3	1	7.6	1	4.0	-	-	2	0.7	60
2	5.1	-	-	-	-	-	-	-	-	1	4.0	1	8.6	6	2.0	61
-	-	-	-	-	-	-	-	-	-	-	-	1	8.6	2	0.7	62
2	5.1	-	-	-	-	-	-	-	-	1	4.0	-	-	4	1.3	63
-	-	-	-	-	-	2	10.5	-	-	1	4.0	1	8.6	2	0.7	64
1	2.5	1	5.7	-	-	1	5.3	-	-	-	-	1	8.6	2	0.7	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
-	-	-	-	-	-	1	5.3	1	7.6	2	8.1	3	25.9	23	7.7	67
6	15.2	-	-	-	-	2	10.5	1	7.6	-	-	1	8.6	26	8.7	68
1	2.5	-	-	-	-	1	5.3	1	7.6	-	-	-	-	8	2.7	69
5	12.7	-	-	-	-	1	5.3	-	-	-	-	1	8.6	18	6.0	70
2	5.1	-	-	-	-	1	5.3	-	-	2	8.1	-	-	12	4.0	71
33	83.5	5	28.7	5	62.5	9	47.4	12	90.9	21	85.0	8	69.0	176	58.7	72
24	60.8	9	51.7	3	37.5	14	73.7	8	60.6	13	52.6	4	34.5	132	44.0	73
13	32.9	7	40.2	1	12.5	4	21.1	5	37.9	5	20.2	2	17.2	46	15.3	74
11	27.8	2	11.5	2	25.0	10	52.6	3	22.7	8	32.4	2	17.2	86	28.7	75
8	20.3	2	11.5	1	12.5	3	15.8	1	7.6	-	-	2	17.2	47	15.7	76
-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	8.7	77
1	2.5	-	-	-	-	-	-	-	-	-	-	-	-	4	1.3	78

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

LINE NO.		POTTAWATTAMIE NUMBER	POTTAWATTAMIE RATE	POWESHIEK NUMBER	POWESHIEK RATE	RINGGOLD NUMBER	RINGGOLD RATE
1	ESTIMATED POPULATION - JULY 1	86,000	...	19,400	...	6,300	...
2	LIVE BIRTHS	1,383	16.1	249	12.8	75	11.9
3	OUT OF WEDLOCK	177	128.0	17	68.3	1	13.3
4	CONGENITAL MALFORMATIONS	22	15.9	5	20.1	2	26.7
5	DEATHS FROM ALL CAUSES	756	8.8	206	10.6	104	16.5
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	5	4.3	3	12.0	-	-
8	NEONATAL DEATHS	12	8.7	2	8.0	-	-
9	PERINATAL DEATHS	18	13.0	5	20.1	-	-
10	INFANT DEATHS	19	13.7	2	8.0	-	-
11	MARRIAGES	951	11.1	151	7.8	52	8.3
12	DISSOLUTIONS	493	5.7	65	3.4	15	2.4
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	-	-	-	-	-	-
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	-	-	-	-	-	-
15	TUBERCULOSIS, OTHER FORMS	-	-	-	-	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	-	-	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	10	11.6	1	5.2	1	15.9
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	147	170.9	39	201.0	18	285.7
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	2	2.3	-	-	-	-
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	35	40.7	12	61.9	5	79.4
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	47	54.7	8	41.2	4	63.5
22	MALIGNANT NEOPLASMS OF BREAST	11	12.8	2	10.3	2	31.7
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	14	16.3	2	10.3	3	47.6
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	10	11.6	5	25.8	-	-
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	15	17.4	7	36.1	1	15.9
26	LEUKEMIA	5	5.8	-	-	1	15.9
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	8	9.3	3	15.5	2	31.7
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	1	1.2	-	-	-	-
29	DIABETES MELLITUS	11	12.8	11	56.7	1	15.9
30	ANEMIAS	1	1.2	-	-	1	15.9
31	MENINGITIS	-	-	-	-	-	-
32	MAJOR CARDIOVASCULAR DISEASES	420	488.4	108	556.7	64	1015.9
33	DISEASES OF HEART	334	388.4	89	458.8	47	746.0
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	13	15.1	1	5.2	1	15.9
35	HYPERTENSIVE HEART DISEASE	2	2.3	-	-	-	-
36	HYPERTENSIVE HEART AND RENAL DISEASE	2	2.3	-	-	-	-
37	ISCHEMIC HEART DISEASE	289	336.0	70	360.8	44	698.4
38	ACUTE MYOCARDIAL INFARCTION	147	170.9	35	180.4	28	444.4
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	-	-	-	-	-	-
40	CHRONIC ISCHEMIC HEART DISEASE	142	165.1	35	180.4	16	254.0
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	-	-	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	3	3.5	2	10.3	-	-
43	ALL OTHER FORMS OF HEART DISEASE	25	29.1	16	82.5	2	31.7
44	HYPERTENSION	2	2.3	-	-	-	-
45	CEREBROVASCULAR DISEASES	64	74.4	13	67.0	12	190.5
46	CEREBRAL HEMORRHAGE	4	4.7	4	20.6	-	-
47	CEREBRAL THROMBOSIS	17	19.8	1	5.2	-	-
48	CEREBRAL EMBOLISM	-	-	-	-	-	-
49	ALL OTHER CEREBROVASCULAR DISEASES	43	50.0	8	41.2	12	190.5
50	ARTERIOSCLEROSIS	8	9.3	4	20.6	4	63.5
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	12	14.0	2	10.3	1	15.9
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	3	3.5	-	-	-	-
53	INFLUENZA	1	1.2	1	5.2	1	15.9
54	PNEUMONIA	15	17.4	3	15.5	1	15.9
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	1	1.2	1	5.2	-	-
56	EMPHYSEMA	11	12.8	4	20.6	-	-
57	ASTHMA	2	2.3	-	-	-	-
58	PEPTIC ULCER	3	3.5	-	-	-	-
59	CIRRHOSIS OF LIVER	4	4.7	2	10.3	-	-
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	-	-	-	-	-	-
61	NEPHRITIS AND NEPHROSIS	2	2.3	-	-	3	47.6
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	-	-	-	-	1	15.9
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	2	2.3	-	-	2	31.7
64	INFECTIONS OF KIDNEY	1	1.2	-	-	-	-
65	HYPERPLASIA OF PROSTATE	1	1.2	-	-	-	-
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	6	7.0	-	-	1	15.9
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	7	8.1	1	5.2	-	-
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	2	2.3	-	-	-	-
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	5	5.8	1	5.2	-	-
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	5	5.8	2	10.3	-	-
72	ALL OTHER DISEASES	56	65.1	14	72.2	5	79.4
73	ACCIDENTS	37	43.0	12	61.9	6	95.2
74	MOTOR VEHICLE ACCIDENTS	18	20.9	5	25.8	3	47.6
75	ALL OTHER ACCIDENTS	19	22.1	7	36.1	3	47.6
76	SUICIDES	8	9.3	6	30.9	2	31.7
77	HOMICIDE	2	2.3	-	-	-	-
78	OTHER EXTERNAL CAUSES	1	1.2	1	5.2	-	-

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

SAC		SCOTT		SHELBY		SIOUX		STORY		TAMA		TAYLOR		UNION		LINE
NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NO.
14,700	...	155,700	...	15,200	...	30,100	...	69,700	...	20,000	...	8,200	...	13,500	...	1
209	14.2	2,750	17.7	198	13.0	637	21.2	1,011	14.5	287	14.4	119	14.5	210	15.6	2
11	52.6	389	141.5	12	60.6	14	22.0	44	43.5	24	83.6	8	67.2	24	114.3	3
4	19.1	39	14.2	4	20.2	20	31.4	16	15.8	7	24.4	5	42.0	5	23.8	4
162	11.0	1,169	7.5	144	9.5	238	7.9	396	5.7	252	12.6	155	18.9	165	12.2	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
1	4.8	23	8.4	2	10.1	2	3.1	6	5.9	1	3.5	1	8.4	1	4.8	7
1	4.8	28	10.2	1	5.1	5	7.8	11	10.9	3	10.5	2	16.8	2	9.5	8
2	9.6	51	18.5	3	15.2	7	11.0	17	16.8	4	13.9	3	25.2	3	14.3	9
3	14.4	41	14.9	1	5.1	9	14.1	13	12.9	3	10.5	2	16.8	2	9.5	10
110	7.5	1,547	9.9	107	7.0	248	8.2	590	8.5	155	7.8	73	8.9	132	9.8	11
44	3.0	854	5.5	35	2.3	37	1.2	233	3.3	35	1.8	31	3.8	62	4.6	12
-	-	1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
-	-	9	5.8	1	6.6	3	10.0	2	2.9	2	10.0	-	-	2	14.8	17
37	251.7	233	149.6	27	177.6	45	149.5	87	124.8	51	255.0	36	439.0	34	251.9	18
-	-	1	0.6	1	6.6	1	3.3	-	-	1	5.0	1	12.2	-	-	19
8	54.4	57	36.6	12	78.9	14	46.5	25	35.9	15	75.0	10	122.0	17	125.9	20
5	34.0	75	48.8	3	19.7	4	13.3	19	27.3	14	70.0	7	85.4	8	59.3	21
3	20.4	23	14.8	1	6.6	5	16.6	5	7.2	2	10.0	3	36.6	2	14.8	22
6	40.8	30	19.3	6	39.5	8	26.6	15	21.5	7	35.0	3	36.6	2	14.8	23
1	6.8	10	6.4	-	-	5	16.6	3	4.3	3	15.0	2	24.4	-	-	24
4	27.2	19	12.2	2	13.2	3	10.0	11	15.8	4	20.0	5	61.0	4	29.6	25
5	34.0	5	3.2	1	6.6	-	-	2	2.9	2	10.0	2	24.4	1	7.4	26
5	34.0	12	7.7	1	6.6	5	16.6	7	10.0	3	15.0	3	36.6	-	-	27
-	-	2	1.3	-	-	1	3.3	-	-	-	-	-	-	-	-	28
1	6.8	22	14.1	3	19.7	9	29.9	1	1.4	5	25.0	1	12.2	3	22.2	29
-	-	2	1.3	1	6.6	-	-	1	1.4	-	-	-	-	-	-	30
-	-	3	1.9	-	-	-	-	1	1.4	-	-	-	-	-	-	31
90	612.2	589	378.3	80	526.3	124	412.0	210	301.3	126	630.0	75	914.6	87	644.4	32
59	401.4	444	285.2	59	388.2	86	285.7	165	236.7	91	455.0	53	646.3	61	451.9	33
1	6.8	6	3.9	-	-	1	3.3	6	8.6	-	-	1	12.2	2	14.8	34
-	-	4	2.6	-	-	2	6.6	1	1.4	1	5.0	-	-	-	-	35
-	-	1	0.6	-	-	-	-	1	1.4	3	15.0	-	-	-	-	36
56	381.0	382	245.3	55	361.8	71	235.9	141	202.3	77	385.0	49	597.6	51	377.8	37
32	217.7	229	147.1	32	210.5	52	172.8	77	110.5	37	185.0	27	329.3	30	222.2	38
-	-	1	0.6	-	-	-	-	1	1.4	-	-	1	12.2	1	7.4	39
24	163.3	152	97.6	23	151.3	19	63.1	63	90.4	40	200.0	21	256.1	20	148.1	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
-	-	1	0.6	-	-	1	3.3	2	2.9	1	5.0	-	-	1	7.4	42
2	13.6	50	32.1	4	26.3	11	36.5	14	20.1	9	45.0	3	36.6	7	51.9	43
-	-	1	0.6	1	6.6	1	3.3	2	2.9	-	-	2	24.4	1	7.4	44
21	142.9	124	79.6	15	98.7	25	83.1	32	45.9	21	105.0	16	195.1	22	163.0	45
3	20.4	7	4.5	-	-	5	16.6	6	8.6	2	10.0	2	24.4	3	22.2	46
4	27.2	33	21.2	4	26.3	3	10.0	2	2.9	-	-	1	12.2	3	22.2	47
-	-	2	1.3	-	-	-	-	1	1.4	-	-	-	-	-	-	48
14	95.2	82	52.7	11	72.4	17	56.5	23	33.0	19	95.0	13	158.5	16	118.5	49
7	47.6	11	7.1	3	19.7	7	23.3	4	5.7	10	50.0	4	48.8	1	7.4	50
3	20.4	9	5.8	2	13.2	5	16.6	7	10.0	4	20.0	-	-	2	14.8	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
2	13.6	3	1.9	-	-	1	3.3	-	-	-	-	2	24.4	5	37.0	53
1	6.8	29	18.6	7	46.1	7	23.3	20	28.7	11	55.0	5	61.0	6	44.4	54
-	-	1	0.6	-	-	-	-	2	2.9	-	-	3	36.6	-	-	55
-	-	5	3.2	-	-	-	-	8	11.5	3	15.0	1	12.2	1	7.4	56
-	-	4	2.6	1	6.6	1	3.3	-	-	-	-	-	-	-	-	57
2	13.6	4	2.6	-	-	-	-	-	-	-	-	-	-	2	14.8	58
2	13.6	17	10.9	2	13.2	-	-	2	2.9	2	10.0	-	-	-	-	59
-	-	5	3.9	-	-	-	-	-	-	1	5.0	-	-	-	-	60
3	20.4	2	1.3	-	-	1	3.3	-	-	1	5.0	-	-	-	-	61
-	-	1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	62
3	20.4	1	0.6	-	-	1	3.3	-	-	1	5.0	-	-	-	-	63
-	-	3	1.9	-	-	2	6.6	1	1.4	-	-	1	12.2	-	-	64
-	-	1	0.6	-	-	1	3.3	-	-	-	-	-	-	-	-	65
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
-	-	11	7.1	-	-	6	19.9	2	2.9	-	-	1	12.2	-	-	67
-	-	17	10.9	1	6.6	2	6.6	8	11.5	4	20.0	1	12.2	1	7.4	68
-	-	10	6.4	-	-	2	6.6	6	8.6	2	10.0	-	-	1	7.4	69
-	-	7	4.5	1	6.6	-	-	2	2.9	2	10.0	1	12.2	-	-	70
3	20.4	4	2.6	-	-	-	-	1	1.4	1	5.0	1	12.2	1	7.4	71
12	81.6	95	61.0	10	65.8	12	39.9	23	33.0	23	115.0	17	207.3	9	66.7	72
7	47.6	68	43.7	9	59.2	23	76.4	17	24.4	14	70.0	9	109.8	10	74.1	73
1	6.8	34	21.8	6	39.5	12	39.9	9	12.9	9	45.0	4	48.8	6	44.4	74
6	40.8	34	21.8	3	19.7	11	36.5	8	11.5	5	25.0	5	51.0	4	29.6	75
2	13.6	27	17.3	2	13.2	-	-	8	11.5	8	40.0	2	24.4	3	22.2	76
-	-	8	5.1	-	-	-	-	1	1.4	-	-	-	-	1	7.4	77
-	-	3	1.9	-	-	-	-	1	1.4	-	-	-	-	-	-	78

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

LINE NO.		VAN BUREN NUMBER	VAN BUREN RATE	WAPELLO NUMBER	WAPELLO RATE	WARREN NUMBER	WARREN RATE
1	ESTIMATED POPULATION - JULY 1	8,700	...	40,400	...	34,100	...
2	LIVE BIRTHS	110	12.6	555	13.8	524	15.4
3	OUT OF WEDLOCK	5	45.5	53	95.3	43	82.1
4	CONGENITAL MALFORMATIONS	-	-	10	18.0	4	7.6
5	DEATHS FROM ALL CAUSES	114	13.1	522	12.9	241	7.1
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	-	-	5	9.0	2	3.8
8	NEONATAL DEATHS	-	-	3	5.4	5	9.5
9	PERINATAL DEATHS	-	-	8	14.4	7	13.4
10	INFANT DEATHS	3	27.3	5	9.0	7	13.4
11	MARRIAGES	79	9.1	394	9.8	305	8.9
12	DISSOLUTIONS	31	3.6	244	6.0	119	3.5
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	-	-	1	2.5	-	-
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	-	-	1	2.5	-	-
15	TUBERCULOSIS, OTHER FORMS	-	-	-	-	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	-	-	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	-	-	2	5.0	2	5.9
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	17	195.4	100	247.5	46	134.9
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	-	-	1	2.5	2	5.9
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	8	92.0	18	44.6	8	23.5
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	2	23.0	33	81.7	11	32.3
22	MALIGNANT NEOPLASMS OF BREAST	1	11.5	4	9.9	5	14.7
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	3	34.5	14	34.7	9	26.4
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	1	11.5	7	17.3	2	5.9
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	-	-	9	22.3	3	8.8
26	LEUKEMIA	2	23.0	8	19.8	3	8.8
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	-	-	6	14.9	3	8.8
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	-	-	1	2.5	-	-
29	DIABETES MELLITUS	2	23.0	10	24.8	8	23.5
30	ANEMIAS	-	-	-	-	-	-
31	MENINGITIS	-	-	-	-	1	2.9
32	MAJOR CARDIOVASCULAR DISEASES	65	747.1	293	725.2	125	366.6
33	DISEASES OF HEART	50	574.7	220	544.5	93	272.7
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	1	11.5	5	12.4	3	8.8
35	HYPERTENSIVE HEART DISEASE	-	-	1	2.5	4	11.7
36	HYPERTENSIVE HEART AND RENAL DISEASE	-	-	4	9.9	4	11.7
37	ISCHEMIC HEART DISEASE	40	459.8	190	470.3	73	214.1
38	ACUTE MYOCARDIAL INFARCTION	32	367.8	97	240.1	52	152.5
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	-	-	-	-	-	-
40	CHRONIC ISCHEMIC HEART DISEASE	7	80.5	93	230.2	21	61.6
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	1	11.5	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	-	-	1	2.5	-	-
43	ALL OTHER FORMS OF HEART DISEASE	9	103.4	19	47.0	9	26.4
44	HYPERTENSION	-	-	2	5.0	1	2.9
45	CEREBROVASCULAR DISEASES	12	137.9	51	125.2	17	49.9
46	CEREBRAL HEMORRHAGE	6	69.0	4	9.9	4	11.7
47	CEREBRAL THROMBOSIS	-	-	20	49.5	1	2.9
48	CEREBRAL EMBOLISM	-	-	-	-	-	-
49	ALL OTHER CEREBROVASCULAR DISEASES	6	69.0	27	66.8	12	35.2
50	ARTERIOSCLEROSIS	2	23.0	14	34.7	13	38.1
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	11.5	6	14.9	1	2.9
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	-	-	-	-	-	-
53	INFLUENZA	1	11.5	2	5.0	1	2.9
54	PNEUMONIA	2	23.0	26	64.4	6	17.6
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	1	11.5	-	-	-	-
56	EMPHYSEMA	3	34.5	3	7.4	2	5.9
57	ASTHMA	-	-	-	-	-	-
58	PEPTIC ULCER	1	11.5	2	5.0	1	2.9
59	CIRRHOSIS OF LIVER	-	-	1	2.5	4	11.7
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	1	11.5	1	2.5	-	-
61	NEPHRITIS AND NEPHROSIS	-	-	2	5.0	-	-
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	-	-	1	2.5	-	-
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	-	-	1	2.5	-	-
64	INFECTIONS OF KIDNEY	2	23.0	1	2.5	-	-
65	HYPERPLASIA OF PROSTATE	1	11.5	-	-	-	-
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	-	-	2	5.0	1	2.9
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	1	11.5	2	5.0	5	14.7
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	1	11.5	2	5.0	2	5.9
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	-	-	-	-	3	8.8
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	4	46.0	5	12.9	1	2.9
72	ALL OTHER DISEASES	3	34.5	43	106.4	21	61.6
73	ACCIDENTS	8	92.0	16	39.6	15	44.0
74	MOTOR VEHICLE ACCIDENTS	8	92.0	10	24.8	9	26.4
75	ALL OTHER ACCIDENTS	-	-	6	14.9	6	17.6
76	SUICIDES	2	23.0	4	9.9	2	5.9
77	HOMICIDE	-	-	4	9.9	-	-
78	OTHER EXTERNAL CAUSES	-	-	-	-	-	-

TABLE 5 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY COUNTY
1978

WASHINGTON		WAYNE		WEBSTER		WINNEBAGO		WINNESHIEK		WOODBURY		WORTH		WRIGHT		LINE
NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NO.
18,900	...	8,300	...	47,000	...	13,900	...	21,900	...	102,700	...	9,100	...	16,300	...	1
292	15.4	92	11.1	693	14.7	211	15.2	295	13.5	1,712	16.7	126	13.8	229	13.6	2
24	82.2	5	54.3	97	140.0	10	47.4	16	54.2	252	147.2	7	55.6	15	65.5	3
6	20.5	-	-	9	13.0	3	14.2	14	47.5	27	15.8	1	7.9	2	8.7	4
207	11.0	112	13.5	511	10.9	146	10.5	213	9.7	978	9.5	117	12.9	204	12.1	5
-	-	-	-	-	-	-	-	-	-	1	5.8	-	-	-	-	6
-	-	2	21.7	6	8.7	4	19.0	2	6.8	16	9.3	-	-	1	4.4	7
1	3.4	-	-	9	13.0	-	-	2	6.8	31	18.1	1	7.9	3	13.1	8
1	3.4	2	21.7	15	21.6	4	19.0	4	13.6	47	27.5	1	7.9	4	17.5	9
3	10.3	-	-	16	23.1	-	-	2	6.8	39	22.8	1	7.9	4	17.5	10
185	9.8	59	7.1	476	10.1	121	8.7	226	10.3	919	8.9	85	9.3	142	8.5	11
64	3.4	15	1.8	185	3.9	45	3.2	23	1.1	456	4.4	10	1.1	49	2.9	12
-	-	-	-	-	-	-	-	-	-	1	1.0	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	-	-	1	1.0	-	-	-	-	15
1	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
2	10.6	-	-	1	2.1	-	-	1	4.6	7	6.8	-	-	1	6.0	17
38	201.1	25	301.2	82	174.5	30	215.8	45	205.5	194	188.9	24	253.7	36	214.3	18
2	10.6	-	-	3	6.4	-	-	1	4.6	2	1.9	-	-	-	-	19
11	58.2	5	72.3	18	38.3	13	93.5	18	82.2	60	58.4	7	76.9	17	101.2	20
12	63.5	9	108.4	15	31.9	7	50.4	7	32.0	44	42.8	7	76.9	4	23.8	21
-	-	2	24.1	13	27.7	2	14.4	1	4.6	21	20.4	4	44.0	-	-	22
6	31.7	3	36.1	10	21.3	3	21.6	11	50.2	19	18.5	4	44.0	8	47.6	23
3	15.9	-	-	8	17.0	2	14.4	2	9.1	11	10.7	1	11.0	1	6.0	24
1	5.3	3	36.1	8	17.0	1	7.2	3	13.7	16	15.6	-	-	2	11.9	25
1	5.3	-	-	2	4.3	2	14.4	-	-	8	7.8	-	-	1	6.0	26
2	10.6	2	24.1	5	10.6	-	-	2	9.1	13	12.7	1	11.0	3	17.9	27
-	-	-	-	-	-	-	-	1	4.6	2	1.9	-	-	1	6.0	28
4	21.2	1	12.0	13	27.7	1	7.2	2	9.1	26	25.3	1	11.0	3	17.9	29
2	10.6	-	-	-	-	-	-	-	-	3	2.9	1	11.0	1	6.0	30
-	-	-	-	-	-	-	-	-	-	1	1.0	-	-	-	-	31
115	608.5	56	674.7	278	591.5	93	669.1	110	502.3	512	498.5	63	692.3	115	690.5	32
90	476.2	35	421.7	192	408.5	68	489.2	82	374.4	383	372.9	46	505.5	84	500.0	33
2	10.6	-	-	3	6.4	-	-	-	-	11	10.7	1	11.0	3	17.9	34
-	-	1	12.0	-	-	-	-	1	4.6	6	5.8	-	-	1	6.0	35
-	-	1	12.0	2	4.3	-	-	-	-	-	-	-	-	-	-	36
80	423.3	30	361.4	159	338.3	57	410.1	77	351.6	333	324.2	43	472.5	79	470.2	37
29	153.4	21	253.0	55	117.0	38	273.4	50	228.3	172	157.5	24	263.7	46	273.8	38
-	-	-	-	1	2.1	-	-	-	-	1	1.0	-	-	-	-	39
51	269.8	9	108.4	103	219.1	19	136.7	27	123.3	160	155.8	19	208.8	33	196.4	40
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
-	-	1	12.0	1	2.1	-	-	1	4.6	7	5.8	-	-	-	-	42
8	42.3	2	24.1	27	57.4	11	79.1	3	13.7	26	25.3	2	22.0	1	6.0	43
2	10.6	-	-	3	6.4	-	-	1	4.6	5	4.9	-	-	-	-	44
15	79.4	19	228.9	64	136.2	17	122.3	16	73.1	82	79.8	14	153.8	23	136.9	45
2	10.6	-	-	8	17.0	2	14.4	-	-	10	9.7	-	-	3	17.9	46
3	15.9	1	12.0	7	14.9	-	-	2	9.1	20	19.5	1	11.0	4	23.8	47
-	-	-	-	-	-	-	-	-	-	1	1.0	-	-	-	-	48
10	52.9	18	216.9	49	104.3	15	107.9	14	63.9	51	49.7	13	142.9	16	95.2	49
4	21.2	-	-	8	17.0	6	43.2	6	27.4	25	24.3	1	11.0	2	11.9	50
4	21.2	2	24.1	11	23.4	2	14.4	5	22.8	17	16.6	2	22.0	7	41.7	51
-	-	-	-	2	4.3	-	-	-	-	2	1.9	-	-	-	-	52
1	5.3	-	-	2	4.3	-	-	-	-	1	1.0	-	-	2	11.9	53
7	37.0	5	60.2	21	44.7	3	21.6	5	22.8	29	28.2	9	38.9	7	41.7	54
2	10.6	1	12.0	-	-	-	-	2	9.1	4	3.9	-	-	2	11.9	55
2	10.6	1	12.0	10	21.3	2	14.4	2	9.1	16	15.6	2	22.0	-	-	56
1	5.3	-	-	2	4.3	-	-	-	-	1	1.0	-	-	-	-	57
-	-	-	-	-	-	-	-	-	-	3	2.9	1	11.0	-	-	58
2	10.6	-	-	7	14.9	1	7.2	3	13.7	16	15.6	2	22.0	2	11.9	59
-	-	-	-	1	2.1	-	-	3	13.7	-	-	-	-	1	6.0	60
1	5.3	-	-	2	4.3	1	7.2	2	9.1	4	3.9	-	-	1	6.0	61
1	5.3	-	-	1	2.1	-	-	-	-	2	1.9	-	-	-	-	62
-	-	-	-	1	2.1	1	7.2	2	9.1	2	1.9	-	-	1	6.0	63
-	-	1	12.0	-	-	-	-	-	-	-	-	-	-	1	6.0	64
-	-	-	-	3	6.4	-	-	-	-	2	1.9	-	-	-	-	65
-	-	-	-	-	-	-	-	-	-	1	1.0	-	-	-	-	66
1	5.3	1	12.0	4	8.5	-	-	3	13.7	8	7.8	-	-	-	-	67
-	-	-	-	8	17.0	-	-	1	4.6	26	25.3	1	11.0	2	11.9	68
-	-	-	-	2	4.3	-	-	-	-	12	11.7	-	-	-	-	69
-	-	-	-	6	12.8	-	-	1	4.6	14	13.6	1	11.0	2	11.9	70
1	5.3	-	-	9	19.1	-	-	-	-	3	2.9	-	-	1	6.0	71
12	63.5	14	168.7	37	78.7	9	64.7	18	82.2	54	52.6	7	76.9	13	77.4	72
14	74.1	3	36.1	22	46.8	5	36.0	13	59.4	47	45.8	6	65.9	11	65.5	73
8	42.3	3	36.1	13	27.7	4	28.8	3	13.7	17	15.6	3	33.0	7	41.7	74
6	31.7	-	-	9	19.1	1	7.2	10	45.7	30	29.2	3	33.0	4	23.8	75
1	5.3	3	36.1	7	14.9	1	7.2	2	9.1	12	11.7	-	-	3	17.9	76
-	-	1	12.0	-	-	-	-	-	-	1	1.0	-	-	-	-	77
-	-	-	-	-	-	-	-	-	-	2	1.9	-	-	-	-	78

TABLE 6

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1978

LINE NO.		AMES		BETTENDORF		BOONE	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
1	ESTIMATED POPULATION - JULY 1	45,600	...	26,500	...	12,300	...
2	LIVE BIRTHS	576	12.6	401	15.1	189	15.4
3	OUT OF WEDLOCK	26	45.1	27	67.3	20	105.8
4	CONGENITAL MALFORMATIONS	8	13.9	8	20.0	2	10.6
5	DEATHS FROM ALL CAUSES	172	3.8	128	4.8	189	15.4
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	2	3.5	5	12.5	-	-
9	NEONATAL DEATHS	4	6.9	5	12.5	2	10.6
9	PERINATAL DEATHS	6	10.4	10	24.9	2	10.6
10	INFANT DEATHS	6	10.4	7	17.5	3	15.9
11	MARRIAGES	377	8.3	182	6.9	168	13.7
12	DISSOLUTIONS	...	...	...	...	...	...
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	-	-	1	3.8	-	-
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	-	-	-	-	-	-
15	TUBERCULOSIS, OTHER FORMS	-	-	1	3.8	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	-	-	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	1	2.2	-	-	1	8.1
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	44	96.5	28	105.7	26	211.4
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	-	-	-	-	-	-
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	9	19.7	7	26.4	8	65.0
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	9	19.7	13	49.1	6	48.8
22	MALIGNANT NEOPLASMS OF BREAST	3	6.6	1	3.8	4	32.5
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	9	19.7	1	3.8	3	24.4
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	2	4.4	-	-	2	16.3
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	7	15.4	1	3.8	2	16.3
26	LEUKEMIA	1	2.2	2	7.5	1	8.1
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	4	8.8	3	11.3	-	-
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	-	-	-	-	2	16.3
29	DIABETES MELLITUS	1	2.2	3	11.3	3	24.4
30	ANEMIAS	-	-	-	-	-	-
31	MENINGITIS	1	2.2	-	-	-	-
32	MAJOR CARDIOVASCULAR DISEASES	82	179.8	65	245.3	119	967.5
33	DISEASES OF HEART	66	144.7	47	177.4	80	650.4
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	-	-	1	3.8	1	8.1
35	HYPERTENSIVE HEART DISEASE	1	2.2	1	3.8	-	-
36	HYPERTENSIVE HEART AND RENAL DISEASE	-	-	-	-	1	8.1
37	ISCHEMIC HEART DISEASE	62	136.0	37	139.6	75	609.8
38	ACUTE MYOCARDIAL INFARCTION	27	59.2	18	67.9	51	414.6
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	-	-	-	-	-	-
40	CHRONIC ISCHEMIC HEART DISEASE	35	76.8	19	71.7	24	195.1
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	-	-	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	-	-	-	-	1	8.1
43	ALL OTHER FORMS OF HEART DISEASE	3	6.6	8	30.2	2	16.3
44	HYPERTENSION	1	2.2	-	-	2	16.3
45	CEREBROVASCULAR DISEASES	12	26.3	16	60.4	25	203.3
46	CEREBRAL HEMORRHAGE	3	6.6	-	-	-	-
47	CEREBRAL THROMBOSIS	1	2.2	2	7.5	11	89.4
48	CEREBRAL EMBOLISM	-	-	-	-	1	8.1
49	ALL OTHER CEREBROVASCULAR DISEASES	8	17.5	14	52.8	13	105.7
50	ARTERIOSCLEROSIS	1	2.2	1	3.8	7	56.9
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	2	4.4	1	3.8	5	40.7
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	-	-	-	-	-	-
53	INFLUENZA	-	-	2	7.5	-	-
54	PNEUMONIA	8	17.5	2	7.5	6	48.8
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	1	2.2	-	-	2	16.3
56	EMPHYSEMA	3	6.6	-	-	1	8.1
57	ASTHMA	-	-	-	-	-	-
58	PEPTIC ULCER	-	-	1	3.8	-	-
59	CIRRHOSIS OF LIVER	1	2.2	1	3.8	2	16.3
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	-	-	1	3.8	-	-
61	NEPHRITIS AND NEPHROSIS	-	-	-	-	2	16.3
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	-	-	-	-	-	-
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	-	-	-	-	2	16.3
64	INFECTIONS OF KIDNEY	1	2.2	-	-	-	-
65	HYPERPLASIA OF PROSTATE	-	-	-	-	-	-
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	1	2.2	2	7.5	1	8.1
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	2	4.4	3	11.3	1	8.1
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	1	2.2	2	7.5	-	-
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	1	2.2	1	3.8	1	8.1
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	1	2.2	-	-	-	-
72	ALL OTHER DISEASES	17	37.3	12	45.3	13	105.7
73	ACCIDENTS	6	13.2	5	18.9	8	65.0
74	MOTOR VEHICLE ACCIDENTS	3	6.6	5	18.9	5	40.7
75	ALL OTHER ACCIDENTS	3	6.6	-	-	3	24.4
76	SUICIDES	2	4.4	2	7.5	1	8.1
77	HOMICIDE	-	-	-	-	1	8.1
78	OTHER EXTERNAL CAUSES	-	-	-	-	-	-

TABLE 6 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1978

BURLINGTON NUMBER	BURLINGTON RATE	CEDAR FALLS NUMBER	CEDAR FALLS RATE	CEDAR RAPIDS NUMBER	CEDAR RAPIDS RATE	CLINTON NUMBER	CLINTON RATE	COUNCIL BLUFFS NUMBER	COUNCIL BLUFFS RATE	DAVENPORT NUMBER	DAVENPORT RATE	LINE NO.
28,700	...	34,200	...	108,100	...	33,400	...	58,900	...	101,400	...	1
446	15.5	463	13.5	1,686	15.6	536	16.0	980	16.6	1,867	18.4	2
52	116.6	41	88.6	220	130.5	75	139.9	161	164.3	326	174.6	3
4	9.0	8	17.3	32	19.0	5	9.3	12	12.2	24	12.9	4
339	11.8	235	6.9	869	8.0	369	11.0	533	9.0	904	8.9	5
-	-	-	-	-	-	-	-	-	-	-	-	6
2	4.5	3	6.5	18	10.7	9	16.8	4	4.1	14	7.5	7
3	6.7	5	10.8	15	8.9	7	13.1	9	9.2	20	10.7	8
5	11.2	8	17.3	33	19.6	16	29.9	13	13.3	34	18.2	9
4	9.0	10	21.6	25	14.8	7	13.1	15	15.3	28	15.0	10
381	13.3	305	8.9	1,157	10.7	448	13.4	818	13.9	1,210	11.9	11
...	...	...	...	...	...	...	...	...	...	...	...	12
-	-	-	-	1	0.9	-	-	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	1	0.9	-	-	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	16
2	7.0	3	8.8	5	4.6	2	6.0	8	13.6	6	5.9	17
57	198.6	49	143.3	208	192.4	75	224.6	95	161.3	176	173.6	18
1	3.5	-	-	5	4.6	-	-	1	1.7	1	1.0	19
16	55.7	13	38.0	71	65.7	20	59.9	24	40.7	43	42.4	20
11	38.3	9	26.3	52	48.1	23	68.9	35	59.4	51	50.3	21
5	17.4	7	20.5	9	8.3	4	12.0	4	6.8	20	19.7	22
7	24.4	3	8.8	21	19.4	12	35.9	10	17.0	26	25.6	23
3	10.5	2	5.8	7	6.5	1	3.0	4	6.8	8	7.9	24
6	20.9	6	17.5	21	19.4	8	24.0	10	17.0	17	16.8	25
3	10.5	3	8.8	8	7.4	4	12.0	2	3.4	2	2.0	26
5	17.4	6	17.5	14	13.0	3	9.0	5	8.5	8	7.9	27
1	3.5	-	-	3	2.8	1	3.0	1	1.7	2	2.0	28
12	41.8	5	14.6	17	15.7	6	18.0	8	13.6	15	14.8	29
3	10.5	-	-	3	2.8	1	3.0	1	1.7	2	2.0	30
-	-	-	-	-	-	1	3.0	-	-	2	2.0	31
190	662.0	129	377.2	423	391.3	203	607.8	308	522.9	469	462.5	32
136	473.9	73	213.5	314	290.5	157	470.1	247	419.4	355	350.1	33
1	3.5	3	8.8	7	6.5	4	12.0	9	15.3	5	4.9	34
1	3.5	3	8.8	3	2.8	1	3.0	2	3.4	3	3.0	35
7	24.4	-	-	2	1.9	-	-	1	1.7	1	1.0	36
116	404.2	61	178.4	268	247.9	134	401.2	213	361.6	307	302.8	37
57	198.6	27	78.9	115	106.4	82	245.5	112	190.2	189	186.4	38
-	-	-	-	-	-	-	-	-	-	1	1.0	39
59	205.6	34	99.4	153	141.5	52	155.7	101	171.5	117	115.4	40
-	-	-	-	-	-	-	-	-	-	-	-	41
-	-	-	-	-	-	7	21.0	3	5.1	1	1.0	42
11	38.3	6	17.5	34	31.5	11	32.9	19	32.3	38	37.5	43
4	13.9	-	-	5	4.6	-	-	1	1.7	1	1.0	44
40	139.4	44	128.7	77	71.2	40	119.8	44	74.7	97	95.7	45
1	3.5	1	2.9	8	7.4	2	6.0	1	1.7	5	4.9	46
16	55.7	12	35.1	5	4.6	11	32.9	15	25.5	29	28.6	47
-	-	-	-	1	0.9	-	-	-	-	2	2.0	48
23	80.1	31	90.6	63	58.3	27	80.8	28	47.5	61	60.2	49
5	17.4	4	11.7	17	15.7	3	9.0	6	10.2	10	9.9	50
5	17.4	8	23.4	10	9.3	3	9.0	10	17.0	6	5.9	51
-	-	1	2.9	-	-	-	-	2	3.4	-	-	52
-	-	2	5.8	2	1.9	1	3.0	-	-	1	1.0	53
17	59.2	6	17.5	25	23.1	14	41.9	9	15.3	24	23.7	54
1	3.5	-	-	4	3.7	-	-	1	1.7	1	1.0	55
13	45.3	-	-	7	6.5	6	18.0	7	11.9	4	3.9	56
-	-	-	-	1	0.9	-	-	1	1.7	4	3.9	57
-	-	-	-	6	5.6	-	-	-	-	3	3.0	58
2	7.0	2	5.8	9	8.3	3	9.0	1	1.7	16	15.8	59
-	-	1	2.9	2	1.9	-	-	-	-	5	4.9	60
1	3.5	-	-	8	7.4	1	3.0	2	3.4	2	2.0	61
1	3.5	-	-	1	0.9	-	-	-	-	1	1.0	62
-	-	-	-	7	6.5	1	3.0	2	3.4	1	1.0	63
-	-	-	-	2	1.9	-	-	1	1.7	3	3.0	64
-	-	-	-	1	0.9	1	3.0	1	1.7	-	-	65
-	-	-	-	-	-	-	-	-	-	-	-	66
-	-	2	5.8	8	7.4	1	3.0	3	5.1	7	6.9	67
2	7.0	4	11.7	10	9.3	7	21.0	7	11.9	13	12.8	68
1	3.5	1	2.9	6	5.6	4	12.0	2	3.4	8	7.9	69
1	3.5	3	8.8	4	3.7	3	9.0	5	8.5	5	4.9	70
2	7.0	4	11.7	4	3.7	1	3.0	5	8.5	3	3.0	71
24	83.6	17	49.7	67	62.0	26	77.8	41	69.6	66	65.1	72
6	20.9	7	20.5	35	32.4	15	44.9	25	42.4	49	48.3	73
3	10.5	5	14.6	11	10.2	4	12.0	12	20.4	22	21.7	74
3	10.5	2	5.8	24	22.2	11	32.9	13	22.1	27	26.6	75
5	17.4	2	5.8	14	13.0	3	9.0	5	8.5	21	20.7	76
-	-	-	-	4	3.7	1	3.0	1	1.7	7	6.9	77
1	3.5	1	2.9	-	-	-	-	-	-	3	3.0	78

TABLE 6 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1978

LINE NO.		DES MOINES NUMBER	DES MOINES RATE	DUBUQUE NUMBER	DUBUQUE RATE	FORT DODGE NUMBER	FORT DODGE RATE
1	ESTIMATED POPULATION - JULY 1	193,500	...	63,100	...	30,000	...
2	LIVE BIRTHS	3,137	16.2	938	14.9	438	14.6
3	OUT OF WEDLOCK	575	183.3	94	100.2	76	173.5
4	CONGENITAL MALFORMATIONS	51	16.3	8	8.5	5	11.4
5	DEATHS FROM ALL CAUSES	1,857	9.6	659	10.4	332	11.1
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	34	10.8	9	9.6	5	11.4
8	NEONATAL DEATHS	29	9.2	11	11.7	5	11.4
9	PERINATAL DEATHS	63	20.1	20	21.3	10	22.8
10	INFANT DEATHS	42	13.4	15	16.0	10	22.8
11	MARRIAGES	2,611	13.5	725	11.5	373	12.4
12	DISSOLUTIONS	...	...	...	...	...	...
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	2	1.0	1	1.6	-	-
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	2	1.0	1	1.6	-	-
15	TUBERCULOSIS, OTHER FORMS	-	-	-	-	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	-	-	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	15	7.8	4	6.3	-	-
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	405	209.3	134	212.4	51	170.0
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	5	2.6	-	-	2	6.7
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	123	63.6	31	49.1	9	30.0
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	101	52.2	32	50.7	12	40.0
22	MALIGNANT NEOPLASMS OF BREAST	30	15.5	15	23.8	9	30.0
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	48	24.8	18	28.5	6	20.0
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	22	11.4	8	12.7	5	16.7
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	32	16.5	20	31.7	5	16.7
26	LEUKEMIA	17	8.8	4	6.3	1	3.3
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	27	14.0	6	9.5	2	6.7
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	5	2.6	1	1.6	-	-
29	DIABETES MELLITUS	18	9.3	12	19.0	7	23.3
30	ANEMIAS	-	-	2	3.2	-	-
31	MENINGITIS	1	0.5	-	-	-	-
32	MAJOR CARDIOVASCULAR DISEASES	963	497.7	381	603.8	186	620.0
33	DISEASES OF HEART	749	387.1	307	486.5	123	410.0
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	5	2.6	9	14.3	-	-
35	HYPERTENSIVE HEART DISEASE	2	1.0	1	1.6	-	-
36	HYPERTENSIVE HEART AND RENAL DISEASE	4	2.1	-	-	2	6.7
37	ISCHEMIC HEART DISEASE	678	350.4	276	437.4	100	333.3
38	ACUTE MYOCARDIAL INFARCTION	425	219.6	90	142.6	31	103.3
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	4	2.1	-	-	1	3.3
40	CHRONIC ISCHEMIC HEART DISEASE	249	128.7	186	294.8	68	226.7
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	-	-	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	2	1.0	3	4.8	1	3.3
43	ALL OTHER FORMS OF HEART DISEASE	58	30.0	18	28.5	20	66.7
44	HYPERTENSION	7	3.6	2	3.2	3	10.0
45	CEREBROVASCULAR DISEASES	151	78.0	49	77.7	46	153.3
46	CEREBRAL HEMORRHAGE	22	11.4	5	7.9	6	20.0
47	CEREBRAL THROMBOSIS	19	9.8	12	19.0	5	16.7
48	CEREBRAL EMBOLISM	-	-	1	1.6	-	-
49	ALL OTHER CEREBROVASCULAR DISEASES	110	56.8	31	49.1	35	116.7
50	ARTERIOSCLEROSIS	20	10.3	13	20.6	5	16.7
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	36	18.6	10	15.8	9	30.0
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	-	-	-	-	1	3.3
53	INFLUENZA	6	3.1	-	-	-	-
54	PNEUMONIA	62	32.0	17	26.9	16	53.3
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	5	2.6	1	1.6	-	-
56	EMPHYSEMA	21	10.9	3	4.8	6	20.0
57	ASTHMA	-	-	-	-	1	3.3
58	PEPTIC ULCER	6	3.1	2	3.2	-	-
59	CIRRHOSIS OF LIVER	23	11.9	6	9.5	5	16.7
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	2	1.0	3	4.8	-	-
61	NEPHRITIS AND NEPHROSIS	6	3.1	2	3.2	1	3.3
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	2	1.0	-	-	1	3.3
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	4	2.1	2	3.2	-	-
64	INFECTIONS OF KIDNEY	1	0.5	-	-	-	-
65	HYPERPLASIA OF PROSTATE	1	0.5	-	-	1	3.3
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	17	8.8	5	7.9	3	10.0
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	17	8.8	6	9.5	4	13.3
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	6	3.1	3	4.8	-	-
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	11	5.7	3	4.8	4	13.3
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	10	5.2	1	1.6	7	23.3
72	ALL OTHER DISEASES	126	65.1	46	72.9	27	90.0
73	ACCIDENTS	93	48.1	24	38.0	12	40.0
74	MOTOR VEHICLE ACCIDENTS	29	15.0	9	14.3	7	23.3
75	ALL OTHER ACCIDENTS	64	33.1	15	23.8	5	16.7
76	SUICIDES	31	16.0	5	7.9	4	13.3
77	HOMICIDE	19	9.8	1	1.6	-	-
78	OTHER EXTERNAL CAUSES	2	1.0	2	3.2	-	-

TABLE 6 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1978

FORT MADISON		IOWA CITY		KEOKUK		MARION		MARSHALLTOWN		MASON CITY		LINE
NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NO.
13,300	...	49,400	...	13,800	...	19,600	...	27,500	...	30,700	...	1
209	15.7	708	14.3	233	16.9	282	14.4	377	13.7	401	13.1	2
23	110.0	49	69.2	39	167.4	15	53.2	32	84.9	34	84.8	3
4	19.1	5	7.1	5	21.5	4	14.2	11	29.2	1	2.5	4
131	9.8	226	4.6	189	13.7	111	5.7	271	9.9	329	10.7	5
-	-	-	-	-	-	-	-	-	-	-	-	6
1	4.8	6	8.5	2	8.6	2	7.1	2	5.3	3	7.5	7
2	9.6	4	5.6	2	8.6	3	10.6	6	15.9	5	12.5	8
3	14.4	10	14.1	4	17.2	5	17.7	8	21.2	8	20.0	9
2	9.6	6	8.5	3	12.9	4	14.2	8	21.2	7	17.5	10
182	13.7	549	11.1	162	11.7	145	7.4	261	9.5	333	10.8	11
...	...	...	...	...	...	...	...	...	...	...	...	12
-	-	-	-	-	-	1	5.1	-	-	-	-	13
-	-	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	1	5.1	-	-	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	16
-	-	1	2.0	2	14.5	2	10.2	1	3.6	1	3.3	17
22	165.4	54	109.3	36	260.9	24	122.4	59	214.5	67	218.2	18
-	-	1	2.0	-	-	-	-	2	7.3	1	3.3	19
7	52.6	20	40.5	9	65.2	10	51.0	14	50.9	23	74.9	20
6	45.1	17	34.4	4	29.0	7	35.7	14	50.9	15	48.9	21
1	7.5	6	12.1	-	-	2	10.2	3	10.9	5	16.3	22
1	7.5	6	12.1	6	43.5	4	20.4	12	43.6	6	19.5	23
1	7.5	1	2.0	8	58.0	-	-	2	7.3	4	13.0	24
3	22.6	1	2.0	2	14.5	-	-	6	21.8	6	19.5	25
3	22.6	-	-	4	29.0	1	5.1	3	10.9	4	13.0	26
-	-	2	4.0	3	21.7	-	-	3	10.9	3	9.8	27
-	-	3	6.1	-	-	-	-	1	3.6	-	-	28
2	15.0	1	2.0	3	21.7	3	15.3	3	10.9	3	9.8	29
-	-	-	-	-	-	-	-	-	-	-	-	30
-	-	-	-	-	-	-	-	-	-	-	-	31
83	624.1	107	216.6	92	666.7	57	290.8	153	556.4	173	563.5	32
60	451.1	74	149.8	64	463.8	45	229.6	109	396.4	119	387.6	33
-	-	1	2.0	1	7.2	-	-	2	7.3	1	3.3	34
-	-	1	2.0	-	-	-	-	1	3.6	-	-	35
-	-	-	-	1	7.2	-	-	1	3.6	-	-	36
52	391.0	66	133.6	59	427.5	37	188.8	90	327.3	116	377.9	37
29	218.0	27	54.7	30	217.4	20	102.0	33	120.0	69	224.8	38
-	-	-	-	1	7.2	-	-	-	-	-	-	39
23	172.9	39	78.9	28	202.9	17	86.7	57	207.3	47	153.1	40
-	-	-	-	-	-	-	-	-	-	-	-	41
-	-	-	-	1	7.2	-	-	-	-	-	-	42
8	60.2	6	12.1	2	14.5	8	40.8	15	54.5	2	6.5	43
2	15.0	1	2.0	-	-	-	-	-	-	1	3.3	44
16	120.3	23	46.6	24	173.9	9	45.9	22	80.0	43	140.1	45
4	30.1	-	-	4	29.0	3	15.3	2	7.3	5	16.3	46
3	22.6	7	14.2	8	58.0	2	10.2	2	7.3	8	26.1	47
-	-	-	-	-	-	-	-	-	-	-	-	48
9	67.7	16	32.4	12	87.0	4	20.4	18	65.5	30	97.7	49
2	15.0	3	6.1	-	-	2	10.2	17	61.8	5	16.3	50
3	22.6	6	12.1	4	29.0	1	5.1	5	18.2	5	16.3	51
-	-	-	-	-	-	-	-	-	-	1	3.3	52
-	-	1	2.0	-	-	-	-	-	-	1	3.3	53
-	-	5	10.1	11	79.7	3	15.3	2	7.3	18	58.6	54
-	-	-	-	1	7.2	-	-	4	14.5	1	3.3	55
2	15.0	3	6.1	5	36.2	-	-	4	14.5	7	22.8	56
-	-	1	2.0	-	-	-	-	-	-	-	-	57
-	-	1	2.0	1	7.2	-	-	1	3.6	-	-	58
1	7.5	4	8.1	5	36.2	1	5.1	2	7.3	2	6.5	59
-	-	1	2.0	-	-	-	-	-	-	-	-	60
-	-	-	-	2	14.5	-	-	-	-	2	6.5	61
-	-	-	-	1	7.2	-	-	-	-	-	-	62
-	-	-	-	1	7.2	-	-	-	-	2	6.5	63
-	-	-	-	1	7.2	-	-	-	-	1	3.3	64
-	-	-	-	-	-	-	-	-	-	-	-	65
-	-	-	-	-	-	-	-	-	-	-	-	66
2	15.0	5	10.1	1	7.2	1	5.1	2	7.3	2	6.5	67
1	7.5	2	4.0	1	7.2	2	10.2	4	14.5	2	6.5	68
1	7.5	1	2.0	-	-	1	5.1	3	10.9	1	3.3	69
-	-	1	2.0	1	7.2	1	5.1	1	3.6	1	3.3	70
2	15.0	-	-	2	14.5	-	-	4	14.5	3	9.8	71
6	45.1	19	38.5	13	94.2	15	76.5	20	72.7	31	101.0	72
8	60.2	12	24.3	13	94.2	-	-	8	29.1	10	32.6	73
4	30.1	8	16.2	6	43.5	-	-	2	7.3	3	9.8	74
4	30.1	4	8.1	7	50.7	-	-	6	21.8	7	22.8	75
2	15.0	3	6.1	-	-	2	10.2	2	7.3	3	9.8	76
-	-	2	4.0	-	-	-	-	1	3.6	1	3.3	77
-	-	1	2.0	-	-	-	-	-	-	-	-	78

TABLE 6 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1978

LINE NO.		MUSCATINE NUMBER	MUSCATINE RATE	NEWTON NUMBER	NEWTON RATE	OSKALOOSA NUMBER	OSKALOOSA RATE
1	ESTIMATED POPULATION - JULY 1	23,700	...	15,600	...	10,400	...
2	LIVE BIRTHS	380	16.0	223	14.3	159	15.3
3	OUT OF WEDLOCK	53	139.5	25	112.1	6	37.7
4	CONGENITAL MALFORMATIONS	4	10.5	1	4.5	1	6.3
5	DEATHS FROM ALL CAUSES	255	10.8	170	10.9	157	15.1
6	MATERNAL DEATHS	-	-	-	-	-	-
7	FETAL DEATHS	11	28.9	-	-	-	-
8	NEONATAL DEATHS	1	2.6	-	-	1	6.3
9	PERINATAL DEATHS	12	31.6	-	-	1	6.3
10	INFANT DEATHS	2	5.3	-	-	1	6.3
11	MARRIAGES	310	13.1	191	12.2	169	16.3
12	DISSOLUTIONS	...	...	...	...	...	...
	-- LIST OF 66 SELECTED CAUSES OF DEATH --						
13	TUBERCULOSIS, ALL FORMS	-	-	-	-	-	-
14	TUBERCULOSIS OF RESPIRATORY SYSTEM	-	-	-	-	-	-
15	TUBERCULOSIS, OTHER FORMS	-	-	-	-	-	-
16	SYPHILIS AND ITS SEQUELAE	-	-	-	-	-	-
17	OTHER INFECTIVE AND PARASITIC DISEASES	1	4.2	1	6.4	1	9.6
18	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	40	168.8	44	282.1	39	375.0
19	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	-	-	1	6.4	-	-
20	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	11	46.4	13	83.3	11	105.8
21	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	15	63.3	9	57.7	10	96.2
22	MALIGNANT NEOPLASMS OF BREAST	3	12.7	3	19.2	2	19.2
23	MALIGNANT NEOPLASMS OF GENITAL ORGANS	4	16.9	5	32.1	5	48.1
24	MALIGNANT NEOPLASMS OF URINARY ORGANS	4	16.9	2	12.8	2	19.2
25	MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED SITES	1	4.2	6	38.5	4	38.5
26	LEUKEMIA	-	-	3	19.2	5	48.1
27	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	2	8.4	2	12.8	-	-
28	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	-	-	-	-	-	-
29	DIABETES MELLITUS	5	21.1	2	12.8	-	-
30	ANEMIAS	-	-	-	-	-	-
31	MENINGITIS	-	-	-	-	-	-
32	MAJOR CARDIOVASCULAR DISEASES	145	611.8	96	615.4	89	855.8
33	DISEASES OF HEART	105	443.0	62	397.4	52	500.0
34	ACTIVE RHEUMATIC FEVER, CHRONIC RHEUMATIC HEART DISEASE	1	4.2	-	-	-	-
35	HYPERTENSIVE HEART DISEASE	4	16.9	1	6.4	1	9.6
36	HYPERTENSIVE HEART AND RENAL DISEASE	-	-	-	-	-	-
37	ISCHEMIC HEART DISEASE	78	329.1	55	352.6	48	461.5
38	ACUTE MYOCARDIAL INFARCTION	46	194.1	34	217.9	16	153.8
39	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	-	-	-	-	1	9.6
40	CHRONIC ISCHEMIC HEART DISEASE	32	135.0	21	134.6	31	298.1
41	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	-	-	-	-	-	-
42	CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	2	8.4	1	6.4	-	-
43	ALL OTHER FORMS OF HEART DISEASE	20	84.4	5	32.1	3	28.8
44	HYPERTENSION	-	-	-	-	2	19.2
45	CEREBROVASCULAR DISEASES	30	126.6	23	147.4	29	278.8
46	CEREBRAL HEMORRHAGE	5	21.1	2	12.8	-	-
47	CEREBRAL THROMBOSIS	5	21.1	7	44.9	2	19.2
48	CEREBRAL EMBOLISM	-	-	-	-	-	-
49	ALL OTHER CEREBROVASCULAR DISEASES	20	84.4	14	89.7	27	259.6
50	ARTERIOSCLEROSIS	6	25.3	9	57.7	4	38.5
51	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	4	16.9	2	12.8	2	19.2
52	ACUTE BRONCHITIS AND BRONCHIOLITIS	-	-	-	-	-	-
53	INFLUENZA	2	8.4	-	-	1	9.6
54	PNEUMONIA	13	54.9	6	38.5	3	28.8
55	BRONCHITIS, UNQUALIFIED AND CHRONIC	-	-	-	-	2	19.2
56	EMPHYSEMA	1	4.2	1	6.4	1	9.6
57	ASTHMA	-	-	-	-	-	-
58	PEPTIC ULCER	-	-	1	6.4	-	-
59	CIRRHOSIS OF LIVER	2	8.4	2	12.8	1	9.6
60	CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS	1	4.2	-	-	-	-
61	NEPHRITIS AND NEPHROSIS	1	4.2	1	6.4	-	-
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	-	-	1	6.4	-	-
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	1	4.2	-	-	-	-
64	INFECTIONS OF KIDNEY	-	-	-	-	-	-
65	HYPERPLASIA OF PROSTATE	-	-	-	-	-	-
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	-	-	-	-	-	-
67	CONGENITAL ANOMALIES	-	-	1	6.4	-	-
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	1	4.2	-	-	1	9.6
69	DIFFICULT LABOR, BIRTH INJURY, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	-	-	-	-	1	9.6
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	1	4.2	-	-	-	-
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	1	4.2	-	-	2	19.2
72	ALL OTHER DISEASES	23	97.0	5	32.1	9	86.5
73	ACCIDENTS	16	67.5	5	32.1	4	38.5
74	MOTOR VEHICLE ACCIDENTS	10	42.2	1	6.4	1	9.6
75	ALL OTHER ACCIDENTS	6	25.3	4	25.6	3	28.8
76	SUICIDES	2	8.4	4	25.6	4	38.5
77	HOMICIDE	-	-	1	6.4	-	-
78	OTHER EXTERNAL CAUSES	1	4.2	-	-	-	-

TABLE 6 (CONTINUED)

SUMMARY OF SELECTED VITAL EVENTS BY CITY
1978

OTTUMWA		SIOUX CITY		SPENCER		URBANDALE		WATERLOO		WEST DES MOINES		LINE
NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NO.
27,700	...	85,400	...	11,200	...	17,400	...	79,700	...	22,700	...	1
375	13.5	1,397	16.4	208	18.6	135	7.8	1,409	17.7	237	10.4	2
39	104.0	229	163.9	16	76.9	2	14.8	300	212.9	20	84.4	3
8	21.3	21	15.0	5	24.0	1	7.4	29	20.6	4	16.9	4
394	14.2	808	9.5	93	8.3	42	2.4	705	8.8	156	6.9	5
-	-	1	7.2	-	-	-	-	-	-	-	-	6
4	10.7	14	10.0	2	9.6	-	-	13	9.2	5	21.1	7
2	5.3	28	20.0	1	4.8	1	7.4	11	7.8	2	8.4	8
6	16.0	42	30.1	3	14.4	1	7.4	24	17.0	7	29.5	9
4	10.7	35	25.1	1	4.8	2	14.8	17	12.1	4	16.9	10
343	12.4	792	9.3	138	12.3	69	4.0	840	10.5	154	6.8	11
...	...	...	...	...	...	...	...	...	...	...	...	12
1	3.6	-	-	-	-	-	-	1	1.3	-	-	13
1	3.6	-	-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	-	1	1.3	-	-	15
-	-	-	-	-	-	-	-	-	-	-	-	16
1	3.6	5	5.9	-	-	-	-	6	7.5	1	4.4	17
80	288.8	172	201.4	20	178.6	7	40.2	127	159.3	31	136.6	18
-	-	2	2.3	-	-	-	-	4	5.0	2	8.8	19
16	57.8	49	57.4	7	62.5	2	11.5	26	32.6	8	35.2	20
28	101.1	42	49.2	3	26.8	2	11.5	34	42.7	6	26.4	21
4	14.4	19	22.2	1	8.9	-	-	10	12.5	2	8.8	22
10	36.1	17	19.9	1	8.9	1	5.7	22	27.6	6	26.4	23
4	14.4	10	11.7	3	26.8	-	-	4	5.0	1	4.4	24
7	25.3	14	16.4	2	17.9	2	11.5	13	16.3	5	22.0	25
6	21.7	7	8.2	3	26.8	-	-	7	8.8	1	4.4	26
5	18.1	12	14.1	-	-	-	-	7	8.8	-	-	27
1	3.6	2	2.3	-	-	-	-	-	-	-	-	28
7	25.3	21	24.6	2	17.9	1	5.7	16	20.1	2	8.8	29
-	-	3	3.5	-	-	-	-	-	-	-	-	30
-	-	1	1.2	-	-	-	-	-	-	-	-	31
233	841.2	416	487.1	49	437.5	20	114.9	390	489.3	81	356.8	32
175	631.8	316	370.0	33	294.6	13	74.7	280	351.3	66	290.7	33
5	18.1	10	11.7	1	8.9	-	-	4	5.0	1	4.4	34
-	-	6	7.0	-	-	-	-	1	1.3	1	4.4	35
4	14.4	-	-	-	-	-	-	-	-	1	4.4	36
148	534.3	280	327.9	29	258.9	13	74.7	252	316.2	56	246.7	37
75	270.8	138	161.6	14	125.0	10	57.5	145	181.9	32	141.0	38
-	-	1	1.2	2	17.9	-	-	1	1.3	-	-	39
73	263.5	141	165.1	13	116.1	3	17.2	106	133.0	24	105.7	40
-	-	-	-	-	-	-	-	-	-	-	-	41
1	3.6	4	4.7	-	-	-	-	4	5.0	-	-	42
17	61.4	16	18.7	3	26.8	-	-	19	23.8	7	30.8	43
1	3.6	3	3.5	-	-	-	-	5	6.3	-	-	44
40	144.4	64	74.9	12	107.1	4	23.0	72	90.3	13	57.3	45
3	10.8	7	8.2	-	-	-	-	4	5.0	2	8.8	46
18	65.0	15	17.6	-	-	-	-	11	13.8	4	17.6	47
-	-	-	-	-	-	-	-	-	-	-	-	48
19	68.6	42	49.2	12	107.1	4	23.0	57	71.5	7	30.8	49
12	43.3	19	22.2	-	-	1	5.7	23	28.9	-	-	50
5	18.1	14	16.4	4	35.7	2	11.5	10	12.5	2	8.8	51
-	-	2	2.3	-	-	-	-	-	-	-	-	52
1	3.6	1	1.2	-	-	-	-	4	5.0	-	-	53
17	61.4	26	30.4	1	8.9	1	5.7	16	20.1	7	30.8	54
-	-	4	4.7	-	-	-	-	2	2.5	1	4.4	55
2	7.2	15	17.6	1	8.9	1	5.7	8	10.0	1	4.4	56
-	-	1	1.2	-	-	-	-	-	-	-	-	57
2	7.2	3	3.5	-	-	1	5.7	1	1.3	-	-	58
1	3.6	14	16.4	1	8.9	-	-	10	12.5	2	8.8	59
-	-	-	-	-	-	-	-	1	1.3	-	-	60
1	3.6	3	3.5	2	17.9	-	-	1	1.3	-	-	61
-	-	1	1.2	-	-	-	-	1	1.3	-	-	62
1	3.6	2	2.3	2	17.9	-	-	-	-	-	-	63
-	-	-	-	-	-	-	-	2	2.5	-	-	64
-	-	2	2.3	-	-	-	-	-	-	-	-	65
-	-	1	1.2	-	-	-	-	-	-	-	-	66
2	7.2	7	8.2	2	17.9	1	5.7	6	7.5	2	8.8	67
1	3.6	24	28.1	-	-	1	5.7	8	10.0	2	8.8	68
1	3.6	12	14.1	-	-	1	5.7	4	5.0	-	-	69
-	-	12	14.1	-	-	-	-	4	5.0	2	8.8	70
4	14.4	2	2.3	1	8.9	-	-	2	2.5	1	4.4	71
28	101.1	38	44.5	7	62.5	3	17.2	57	71.5	13	57.3	72
9	32.5	36	42.2	7	62.5	3	17.2	36	45.2	6	26.4	73
6	21.7	11	12.9	4	35.7	1	5.7	20	25.1	4	17.6	74
3	10.8	25	29.3	3	26.8	2	11.5	16	20.1	2	8.8	75
2	7.2	7	8.2	-	-	3	17.2	9	11.3	1	4.4	76
1	3.6	-	-	-	-	-	-	2	2.5	4	17.6	77
-	-	2	2.3	-	-	-	-	-	-	1	4.4	78

TABLE 7

LIVE BIRTHS BY COLOR AND SEX OF CHILD, LIVE BIRTH ORDER, BIRTH WEIGHT, AND PLURAL BIRTHS, BY AGE OF MOTHER
1978 RESIDENT DATA

COLOR, SEX, LIVE BIRTH ORDER, BIRTH WEIGHT, AND PLURAL BIRTHS	TOTAL LIVE BIRTHS	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	NOT STATED
TOTAL	44,559	59	5,860	16,320	14,876	5,809	1,368	250	17	-
MALE	23,035	25	3,045	8,457	7,762	2,925	692	121	8	-
FEMALE	21,524	34	2,815	7,863	7,114	2,884	676	129	9	-
WHITE	43,105	45	5,502	15,857	14,503	5,628	1,312	242	16	-
MALE	22,282	18	2,859	8,208	7,557	2,848	667	118	7	-
FEMALE	20,823	27	2,643	7,649	6,946	2,780	645	124	9	-
NONWHITE	1,454	14	358	463	373	181	56	8	1	-
MALE	753	7	186	249	205	77	25	3	1	-
FEMALE	701	7	172	214	168	104	31	5	-	-
LIVE BIRTH ORDER										
TOTAL	44,559	59	5,860	16,320	14,876	5,809	1,368	250	17	-
FIRST CHILD	18,255	56	4,826	8,174	4,298	784	100	17	-	-
SECOND CHILD	14,889	3	934	6,096	5,903	1,750	192	10	1	-
THIRD CHILD	7,279	-	89	1,715	3,399	1,768	291	18	-	-
FOURTH CHILD	2,464	-	11	284	971	866	293	39	-	-
FIFTH CHILD	861	-	1	38	209	384	199	30	-	-
SIXTH CHILD	390	-	-	7	65	144	137	33	4	-
SEVENTH CHILD	176	-	-	1	18	59	63	32	3	-
EIGHTH CHILD	85	-	-	-	5	28	32	20	-	-
NINTH CHILD	54	-	-	-	1	11	31	11	-	-
TENTH CHILD OR MORE	95	-	-	2	1	13	30	40	9	-
NOT STATED	11	-	-	3	6	2	-	-	-	-
WHITE	43,105	45	5,502	15,857	14,503	5,628	1,312	242	16	-
FIRST CHILD	17,675	42	4,573	7,994	4,193	760	96	17	-	-
SECOND CHILD	14,449	3	844	5,930	5,789	1,691	181	10	1	-
THIRD CHILD	7,054	-	74	1,635	3,313	1,733	281	18	-	-
FOURTH CHILD	2,348	-	10	256	927	836	283	36	-	-
FIFTH CHILD	820	-	1	33	191	369	196	30	-	-
SIXTH CHILD	367	-	-	5	61	135	130	32	4	-
SEVENTH CHILD	163	-	-	-	17	55	59	30	2	-
EIGHTH CHILD	78	-	-	-	4	25	29	20	-	-
NINTH CHILD	54	-	-	-	1	11	31	11	-	-
TENTH CHILD OR MORE	86	-	-	1	1	11	26	38	9	-
NOT STATED	11	-	-	3	6	2	-	-	-	-
NONWHITE	1,454	14	358	463	373	181	56	8	1	-
FIRST CHILD	580	14	253	180	105	24	4	-	-	-
SECOND CHILD	440	-	90	166	114	59	11	-	-	-
THIRD CHILD	225	-	14	80	86	35	10	-	-	-
FOURTH CHILD	116	-	1	28	44	30	10	3	-	-
FIFTH CHILD	41	-	-	5	18	15	3	-	-	-
SIXTH CHILD	23	-	-	2	4	9	7	1	-	-
SEVENTH CHILD	13	-	-	1	1	4	4	2	1	-
EIGHTH CHILD	7	-	-	-	1	3	3	-	-	-
NINTH CHILD	-	-	-	-	-	-	-	-	-	-
TENTH CHILD OR MORE	9	-	-	1	-	2	4	2	-	-
NOT STATED		-	-	-	-	-	-	-	-	-
BIRTH WEIGHT										
1000 GRAMS OR LESS	200	2	36	74	53	26	9	-	-	-
1001 TO 1500 GRAMS	230	3	51	80	53	32	11	-	-	-
1501 TO 2000 GRAMS	429	4	92	143	130	45	14	1	-	-
2001 TO 2500 GRAMS	1,497	1	267	560	411	190	56	11	1	-
2501 TO 3000 GRAMS	5,785	9	1,002	2,174	1,750	644	164	36	1	-
3001 TO 3500 GRAMS	15,760	25	2,276	5,948	5,157	1,874	395	79	6	-
3501 TO 4000 GRAMS	14,582	12	1,613	5,368	5,074	1,970	460	79	6	-
4001 TO 4500 GRAMS	4,967	2	441	1,660	1,824	810	197	31	2	-
4501 GRAMS AND OVER	1,031	-	70	291	401	201	54	13	1	-
WEIGHT NOT STATED	78	1	12	22	23	17	3	-	-	-
PLURAL BIRTHS *										
TWINS (INDIVIDUALS)	834	6	61	266	305	151	39	6	-	-
TRIPLETS (INDIVIDUALS)	18	-	3	3	9	3	-	-	-	-
QUADRUPLETS (INDIVIDUALS)	-	-	-	-	-	-	-	-	-	-

* FETAL DEATHS NOT INCLUDED IN COUNT
TWINS 22 TRIPLETS 0 QUADRUPLETS 0

TABLE 8

LIVE BIRTHS BY LIVE BIRTH ORDER, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 Resident Data

LIVE BIRTH ORDER	1978		1977		1976		1975		1974	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	44,559	100.0	44,898	100.0	41,570	100.0	41,360	100.0	40,179	100.0
First Child	18,255	41.0	18,580	41.4	17,221	41.4	17,351	42.0	16,753	41.7
Second Child	14,889	33.4	14,903	33.2	13,784	33.2	13,486	32.6	12,910	32.1
Third Child	7,279	16.3	7,019	15.6	6,299	15.2	5,990	14.5	5,681	14.1
Fourth Child	2,464	5.5	2,491	5.5	2,337	5.6	2,359	5.7	2,439	6.1
Fifth Child	861	1.9	961	2.1	893	2.2	994	2.4	1,131	2.8
Sixth Child	390	0.9	444	1.0	429	1.0	518	1.3	559	1.4
Seventh Child	176	0.4	203	0.5	256	0.6	250	0.6	292	0.7
Eighth Child	85	0.2	130	0.3	147	0.4	168	0.4	162	0.4
Ninth Child	54	0.1	68	0.2	89	0.2	80	0.2	97	0.2
Tenth Child or More	95	0.2	87	0.2	99	0.2	122	0.3	140	0.3
Not Stated	11	0.0	12	0.0	16	0.0	42	0.1	15	0.0

TABLE 9

FIRST LIVE BIRTH ORDER BY AGE OF MOTHER, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 Resident Data

AGE OF MOTHER	1978		1977		1976		1975		1974	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	18,255	100.0	18,580	100.0	17,221	100.0	17,351	100.0	16,753	100.0
Under 15	56	0.3	61	0.3	54	0.3	60	0.3	70	0.4
15-19	4,826	26.4	5,178	27.9	5,098	29.6	5,476	31.6	5,372	32.1
20-24	8,174	44.8	8,320	44.8	7,608	44.2	7,818	45.1	7,726	46.1
25-29	4,298	23.5	4,254	22.9	3,787	22.0	3,389	19.5	3,050	18.2
30-34	784	4.3	651	3.5	560	3.3	511	2.9	436	2.6
35-39	100	0.5	101	0.5	95	0.6	81	0.5	85	0.5
40-44	17	0.1	14	0.1	18	0.1	14	0.1	12	0.1
45 and Over	-	-	-	-	-	-	1	0.0	1	0.0
Not Stated	-	-	1	0.0	1	0.0	1	0.0	1	0.0

TABLE 10

SECOND LIVE BIRTH ORDER BY AGE OF MOTHER, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 Resident Data

AGE OF MOTHER	1978		1977		1976		1975		1974	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	14,889	100.0	14,903	100.0	13,784	100.0	13,486	100.0	12,910	100.0
Under 15	3	0.0	1	0.0	1	0.0	1	0.0	-	-
15-19	934	6.3	981	6.6	956	6.9	951	7.1	853	6.6
20-24	6,096	40.9	6,278	42.1	6,015	43.6	6,110	45.3	5,926	45.9
25-29	5,903	39.6	5,944	39.9	5,382	39.0	5,162	38.3	4,982	38.6
30-34	1,750	11.8	1,491	10.0	1,233	8.9	1,089	8.1	994	7.7
35-39	192	1.3	188	1.3	176	1.3	153	1.1	136	1.1
40-44	10	0.1	20	0.1	20	0.1	20	0.1	18	0.1
45 and Over	1	0.0	-	-	1	0.0	-	-	1	0.0
Not Stated	-	-	-	-	-	-	-	-	-	-

TABLE 11

IN WEDLOCK AND OUT OF WEDLOCK LIVE BIRTHS, BY AGE AND COLOR OF MOTHER
1978 RESIDENT DATA

AGE	TOTAL LIVE BIRTHS						IN WEDLOCK LIVE BIRTHS						OUT OF WEDLOCK LIVE BIRTHS					
	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	44,559	100.0	43,311	97.2	1,248	2.8	40,443	100.0	39,758	98.3	685	1.7	4,116	100.0	3,553	86.3	563	13.7
-15	59	100.0	45	76.3	14	23.7	6	100.0	6	100.0	-	-	53	100.0	39	73.6	14	26.4
15	174	100.0	149	85.6	25	14.4	49	100.0	48	98.0	1	2.0	125	100.0	101	80.8	24	19.2
16	566	100.0	517	91.3	49	8.7	225	100.0	221	98.2	4	1.8	341	100.0	296	86.8	45	13.2
17	1,138	100.0	1,064	93.5	74	6.5	638	100.0	636	99.7	2	0.3	500	100.0	428	85.6	72	14.4
18	1,751	100.0	1,661	94.9	90	5.1	1,185	100.0	1,167	98.5	18	1.5	566	100.0	494	87.3	72	12.7
19	2,231	100.0	2,141	96.0	90	4.0	1,719	100.0	1,681	97.8	38	2.2	512	100.0	460	89.8	52	10.2
15-19	5,860	100.0	5,532	94.4	328	5.6	3,816	100.0	3,753	98.3	63	1.7	2,044	100.0	1,779	87.0	265	13.0
20	2,653	100.0	2,581	97.3	72	2.7	2,276	100.0	2,252	98.9	24	1.1	377	100.0	329	87.3	48	12.7
21	3,101	100.0	3,027	97.6	74	2.4	2,783	100.0	2,746	98.7	37	1.3	318	100.0	281	88.4	37	11.6
22	3,379	100.0	3,279	97.0	100	3.0	3,114	100.0	3,059	98.2	55	1.8	265	100.0	220	83.0	45	17.0
23	3,517	100.0	3,436	97.7	81	2.3	3,325	100.0	3,272	98.4	53	1.6	192	100.0	164	85.4	28	14.6
24	3,670	100.0	3,602	98.1	68	1.9	3,501	100.0	3,457	98.7	44	1.3	169	100.0	145	85.8	24	14.2
20-24	16,320	100.0	15,925	97.6	395	2.4	14,999	100.0	14,786	98.6	213	1.4	1,321	100.0	1,139	86.2	182	13.8
25	3,502	100.0	3,443	98.3	59	1.7	3,373	100.0	3,332	98.8	41	1.2	129	100.0	111	86.0	18	14.0
26	3,352	100.0	3,283	97.9	69	2.1	3,249	100.0	3,197	98.4	52	1.6	103	100.0	86	83.5	17	16.5
27	3,127	100.0	3,057	97.8	70	2.2	3,034	100.0	2,974	98.0	60	2.0	93	100.0	83	89.2	10	10.8
28	2,700	100.0	2,631	97.4	69	2.6	2,623	100.0	2,566	97.8	57	2.2	77	100.0	65	84.4	12	15.6
29	2,195	100.0	2,150	97.9	45	2.1	2,131	100.0	2,089	98.0	42	2.0	64	100.0	61	95.3	3	4.7
25-29	14,876	100.0	14,564	97.9	312	2.1	14,410	100.0	14,158	98.3	252	1.7	466	100.0	406	87.1	60	12.9
30	1,894	100.0	1,845	97.4	49	2.6	1,842	100.0	1,804	97.9	38	2.1	52	100.0	41	78.8	11	21.2
31	1,602	100.0	1,569	97.9	33	2.1	1,565	100.0	1,539	98.3	26	1.7	37	100.0	30	81.1	7	18.9
32	945	100.0	920	97.4	25	2.6	905	100.0	888	98.1	17	1.9	40	100.0	32	80.0	8	20.0
33	756	100.0	735	97.2	21	2.8	741	100.0	723	97.6	18	2.4	15	100.0	12	80.0	3	20.0
34	612	100.0	596	97.4	16	2.6	594	100.0	578	97.3	16	2.7	18	100.0	18	100.0	-	-
30-34	5,809	100.0	5,665	97.5	144	2.5	5,647	100.0	5,532	98.0	115	2.0	162	100.0	133	82.1	29	17.9
35	444	100.0	431	97.1	13	2.9	426	100.0	417	97.9	9	2.1	18	100.0	14	77.8	4	22.2
36	333	100.0	323	97.0	10	3.0	319	100.0	310	97.2	9	2.8	14	100.0	13	92.9	1	7.1
37	244	100.0	235	96.3	9	3.7	228	100.0	223	97.8	5	2.2	16	100.0	12	75.0	4	25.0
38	190	100.0	182	95.8	8	4.2	182	100.0	176	96.7	6	3.3	8	100.0	6	75.0	2	25.0
39	157	100.0	150	95.5	7	4.5	150	100.0	145	96.7	5	3.3	7	100.0	5	71.4	2	28.6
35-39	1,368	100.0	1,321	96.6	47	3.4	1,305	100.0	1,271	97.4	34	2.6	63	100.0	50	79.4	13	20.6
40	94	100.0	91	96.8	3	3.2	91	100.0	88	96.7	3	3.3	3	100.0	3	100.0	-	-
41	56	100.0	54	96.4	2	3.6	55	100.0	53	96.4	2	3.6	1	100.0	1	100.0	-	-
42	50	100.0	48	96.0	2	4.0	49	100.0	47	95.9	2	4.1	1	100.0	1	100.0	-	-
43	36	100.0	36	100.0	-	-	34	100.0	34	100.0	-	-	2	100.0	2	100.0	-	-
44	14	100.0	14	100.0	-	-	14	100.0	14	100.0	-	-	-	100.0	-	0.0	-	0.0
40-44	250	100.0	243	97.2	7	2.8	243	100.0	236	97.1	7	2.9	7	100.0	7	100.0	-	-
45+	17	100.0	16	94.1	1	5.9	17	100.0	16	94.1	1	5.9	-	100.0	-	0.0	-	0.0
N.S.	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	0.0	-	0.0

TABLE 12

OUT OF WEDLOCK LIVE BIRTHS BY YEAR BY AGE OF MOTHER
1950-1978 RESIDENT DATA

YEAR	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	N.S.
1978	4,116	53	2,044	1,321	466	162	63	7	-	-
1977	3,950	56	1,996	1,291	407	143	42	14	-	1
1976	3,437	48	1,849	983	368	131	40	15	2	1
1975	3,343	56	1,787	981	334	128	43	13	-	1
1974	2,959	56	1,613	842	296	92	48	12	-	-
1973	3,124	53	1,644	945	288	125	49	18	2	-
1972	3,146	60	1,657	978	283	110	38	17	2	1
1971	3,273	34	1,646	1,103	277	142	48	21	1	1
1970	3,495	47	1,724	1,220	292	129	62	21	-	-
1969	3,065	29	1,403	1,149	307	98	56	19	4	-
1968	2,960	35	1,354	1,089	256	119	72	34	-	1
1967	2,533	32	1,184	872	252	107	66	19	1	-
1966	2,423	25	1,151	796	231	126	71	20	1	2
1965	2,224	28	912	743	301	131	75	29	4	1
1964	2,001	22	789	704	261	109	79	27	1	9
1963	1,777	34	689	634	215	118	71	12	3	1
1962	1,637	23	642	579	188	119	67	16	2	1
1961	1,672	20	670	579	210	112	53	26	1	1
1960	1,476	25	626	492	168	93	49	17	3	3
1959	1,453	24	612	487	177	89	52	8	2	2
1958	1,305	22	556	396	163	95	47	21	2	3
1957	1,182	18	506	357	143	81	51	25	1	-
1956	1,161	22	471	370	159	69	48	21	-	1
1955	1,208	22	512	368	161	81	49	14	1	-
1954	1,098	20	441	356	142	82	41	15	-	1
1953	1,043	---	423A	349	143	72	55B	---	---	1
1952	1,037	17	394	333	148	67	69	7	-	2
1951	1,062	11	450	344	136	67	43	11	-	-
1950	1,065	12	457	360	136	57	35	8	-	-

A-UNDER 20 YRS
B-35 YEARS AND OVER

TABLE 13

IN WEDLOCK LIVE BIRTHS BY AGE OF MOTHER, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 Resident Data

AGE OF MOTHER	1978		1977		1976		1975		1974	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	40,443	100.0	40,948	100.0	38,133	100.0	38,017	100.0	37,220	100.0
Under 15	6	0.0	6	0.0	7	0.0	6	0.0	15	0.0
15-19	3,816	9.4	4,240	10.4	4,304	11.3	4,758	12.5	4,701	12.6
20-24	14,999	37.1	15,379	37.6	14,422	37.8	14,770	38.9	14,614	39.3
25-29	14,410	35.6	14,572	35.6	13,435	35.2	12,565	33.1	11,984	32.2
30-34	5,647	14.0	5,151	12.6	4,432	11.6	4,285	11.3	4,230	11.4
35-39	1,305	3.2	1,328	3.2	1,222	3.2	1,315	3.5	1,323	3.6
40-44	243	0.6	267	0.7	293	0.8	303	0.8	328	0.9
45 and Over	17	0.0	5	0.0	18	0.0	14	0.0	22	0.1
Not Stated	-	-	-	-	-	-	1	0.0	3	0.0

TABLE 14

OUT OF WEDLOCK LIVE BIRTHS BY AGE OF MOTHER, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 Resident Data

AGE OF MOTHER	1978		1977		1976		1975		1974	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	4,116	100.0	3,950	100.0	3,437	100.0	3,343	100.0	2,959	100.0
Under 15	53	1.3	56	1.4	48	1.4	56	1.7	56	1.9
15-19	2,044	49.7	1,996	50.5	1,849	53.8	1,787	53.5	1,613	54.5
20-24	1,321	32.1	1,291	32.7	983	28.6	981	29.3	842	28.4
25-29	466	11.3	407	10.3	368	10.7	334	10.0	296	10.0
30-34	162	3.9	143	3.6	131	3.8	128	3.8	92	3.1
35-39	63	1.5	42	1.1	40	1.2	43	1.3	48	1.6
40-44	7	0.2	14	0.4	15	0.4	13	0.4	12	0.4
45 and Over	-	-	-	-	2	0.1	-	-	-	-
Not Stated	-	-	1	0.0	1	0.0	1	0.0	-	-

TABLE 15

MEDIAN AGE OF MOTHER BY YEAR,
BY IN WEDLOCK AND OUT OF WEDLOCK LIVE BIRTHS
1974 - 1978 Resident Data

YEAR	MEDIAN AGE OF MOTHER	
	IN WEDLOCK	OUT OF WEDLOCK
1978	24.4	18.9
1977	24.2	18.8
1976	24.1	18.6
1975	23.8	18.6
1974	23.8	18.5

TABLE 16

LIVE BIRTHS BY TEENAGED MOTHERS, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 Resident Data

AGE OF MOTHER	1978		1977		1976		1975		1974	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL LIVE BIRTHS	44,559	100.0	44,898	100.0	41,570	100.0	41,360	100.0	40,179	100.0
19 and Under	5,919	13.3	6,298	14.0	6,208	14.9	6,607	16.0	6,385	16.0
18 and Under	3,688	8.3	3,957	8.8	3,886	9.3	4,219	10.2	4,149	10.3
10 and Under	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	2	0.0	1	0.0	-	-	1	0.0	1	0.0
13	5	0.0	9	0.0	11	0.0	8	0.0	18	0.0
14	52	0.1	52	0.1	44	0.1	53	0.1	52	0.1
15	174	0.4	240	0.5	220	0.5	249	0.6	240	0.6
16	566	1.3	660	1.5	673	1.6	703	1.7	682	1.7
17	1,138	2.6	1,239	2.8	1,251	3.0	1,373	3.3	1,342	3.3
18	1,751	3.9	1,756	3.9	1,687	4.1	1,832	4.4	1,811	4.5
19	2,231	5.0	2,341	5.2	2,322	5.6	2,388	5.8	2,236	5.6

TABLE 17

SELECTED CAUSES OF DEATH BY YEAR
1968 - 1978 Resident Data

YEAR	HEART DISEASE		CANCER		CEREBROVASCULAR DISEASE		ACCIDENTS		PNEUMONIA & INFLUENZA	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1978	11,044	381.4	5,448	188.1	2,844	98.2	1,383	47.8	1,007	34.8
1977	10,680	369.8	5,336	184.8	2,917	101.0	1,317	45.6	824	28.5
1976	10,836	377.0	5,522	192.1	3,109	108.2	1,481	51.5	1,098	38.2
1975	11,024	385.3	5,355	187.2	3,224	112.7	1,442	50.4	1,082	37.8
1974	11,370	398.1	5,345	187.2	3,583	125.5	1,494	50.2	995	34.8
1973	11,538	403.0	5,241	183.1	3,625	126.6	1,649	52.3	1,035	36.2
1972	12,008	416.4	5,181	179.6	3,720	129.0	1,669	57.9	1,056	36.6
1971	11,676	408.3	5,185	181.3	3,676	128.5	1,702	59.5	897	31.4
1970	11,665	412.2	5,098	180.1	3,647	128.9	1,690	59.7	991	35.0
1969	11,654	415.5	5,095	181.6	3,720	132.6	1,649	58.8	970	34.6
1968	11,834	422.2	4,999	178.3	3,808	135.9	1,780	63.5	1,131	40.3

Rates per 100,000 population.

TABLE 18

DEATHS BY COLOR AND AGE, BY SEX
1978 RESIDENT DATA

AGE	TOTAL		MALE		FEMALE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	27,417	100.0	14,724	100.0	12,693	100.0
UNDER 1	559	2.0	323	2.2	236	1.9
1 - 4	113	0.4	71	0.5	42	0.3
0 - 4	(672)	(2.4)	(394)	(2.7)	(278)	(2.2)
5 - 9	72	0.3	41	0.3	31	0.2
10 - 14	88	0.3	56	0.4	32	0.3
15 - 19	263	1.0	191	1.3	72	0.6
20 - 24	283	1.0	206	1.4	77	0.6
25 - 29	237	0.9	172	1.2	65	0.5
30 - 34	218	0.8	151	1.0	67	0.5
35 - 39	214	0.8	126	0.9	88	0.7
40 - 44	296	1.1	191	1.3	105	0.8
45 - 49	519	1.9	322	2.2	197	1.6
50 - 54	897	3.3	604	4.1	293	2.3
55 - 59	1,295	4.7	821	5.6	474	3.7
60 - 64	1,995	7.3	1,276	8.7	719	5.7
65 - 69	2,612	9.5	1,716	11.7	896	7.1
70 - 74	3,189	11.6	1,965	13.3	1,224	9.6
75 - 79	3,922	14.3	2,128	14.5	1,794	14.1
80 - 84	4,179	15.2	1,975	13.4	2,204	17.4
85 - 89	3,708	13.5	1,497	10.2	2,211	17.4
90 - 94	2,032	7.4	673	4.6	1,359	10.7
95 - 99	626	2.3	191	1.3	435	3.4
100 PLUS	100	0.4	28	0.2	72	0.6
NOT STATED	-	-	-	-	-	-
WHITE	27,085	100.0	14,533	100.0	12,552	100.0
UNDER 1	528	1.9	308	2.1	220	1.8
1 - 4	110	0.4	69	0.5	41	0.3
0 - 4	(638)	(2.3)	(377)	(2.6)	(261)	(2.1)
5 - 9	70	0.3	41	0.3	29	0.2
10 - 14	88	0.3	56	0.4	32	0.3
15 - 19	260	1.0	189	1.3	71	0.6
20 - 24	279	1.0	203	1.4	76	0.6
25 - 29	227	0.8	166	1.1	61	0.5
30 - 34	210	0.8	145	1.0	65	0.5
35 - 39	207	0.8	121	0.8	86	0.7
40 - 44	283	1.0	186	1.3	97	0.8
45 - 49	506	1.9	313	2.2	193	1.5
50 - 54	876	3.2	589	4.1	287	2.3
55 - 59	1,274	4.7	807	5.6	467	3.7
60 - 64	1,975	7.3	1,266	8.7	709	5.6
65 - 69	2,569	9.5	1,689	11.6	880	7.0
70 - 74	3,154	11.6	1,943	13.4	1,211	9.6
75 - 79	3,890	14.4	2,112	14.5	1,778	14.2
80 - 84	4,155	15.3	1,962	13.5	2,193	17.5
85 - 89	3,683	13.6	1,483	10.2	2,200	17.5
90 - 94	2,023	7.5	669	4.6	1,354	10.8
95 - 99	622	2.3	191	1.3	431	3.4
100 PLUS	96	0.4	25	0.2	71	0.6
NOT STATED	-	-	-	-	-	-
NONWHITE	332	100.0	191	100.0	141	100.0
UNDER 1	31	9.3	15	7.9	16	11.3
1 - 4	3	0.9	2	1.0	1	0.7
0 - 4	(34)	(10.2)	(17)	(8.9)	(17)	(12.0)
5 - 9	2	0.6	-	-	2	1.4
10 - 14	-	-	-	-	-	-
15 - 19	3	0.9	2	1.0	1	0.7
20 - 24	4	1.2	3	1.6	1	0.7
25 - 29	10	3.0	6	3.1	4	2.8
30 - 34	8	2.4	6	3.1	2	1.4
35 - 39	7	2.1	5	2.6	2	1.4
40 - 44	13	3.9	5	2.6	8	5.7
45 - 49	13	3.9	9	4.7	4	2.8
50 - 54	21	6.3	15	7.9	6	4.3
55 - 59	21	6.3	14	7.3	7	5.0
60 - 64	20	6.0	10	5.2	10	7.1
65 - 69	43	13.0	27	14.1	16	11.3
70 - 74	35	10.5	22	11.5	13	9.2
75 - 79	32	9.6	16	8.4	16	11.3
80 - 84	24	7.2	13	6.8	11	7.8
85 - 89	25	7.5	14	7.3	11	7.8
90 - 94	9	2.7	4	2.1	5	3.5
95 - 99	4	1.2	-	-	4	2.8
100 PLUS	4	1.2	3	1.6	1	0.7
NOT STATED	-	-	-	-	-	-

TABLE 19

LEADING CAUSES OF DEATH BY SELECTED AGE GROUPS
1978 Resident Data

AGE	CAUSE OF DEATH	TOTAL	NUMBER	PERCENT
UNDER 1		559		
	Certain Causes of Mortality In Early Infancy		264	47.2
	Congenital Anomalies		129	23.1
	Infective and Parasitic Diseases		22	3.9
	Diseases of the Circulatory System		18	3.2
	Diseases of the Respiratory System		17	3.0
1 - 4		113		
	Accidents		48	42.5
	Malignant Neoplasms		9	8.0
	Diseases of the Respiratory System		9	8.0
	Diseases of the Nervous System and Sense Organs		9	8.0
	Diseases of the Circulatory System		9	8.0
5 - 14		160		
	Accidents		91	56.9
	Malignant Neoplasms		17	10.6
	Congenital Anomalies		12	7.5
	Diseases of the Respiratory System		9	5.6
	Endocrine, Nutritional, and Metabolic Diseases		6	3.8
15 - 24		546		
	Accidents		353	64.7
	Suicides		56	10.3
	Malignant Neoplasms		43	7.9
	Heart Disease		17	3.1
	Homicides		15	2.7
25 - 44		965		
	Accidents		277	28.7
	Malignant Neoplasms		187	19.4
	Heart Disease		161	16.7
	Suicides		110	11.4
	Cerebrovascular Disease		37	3.8
45 - 54		1,416		
	Heart Disease		460	32.5
	Malignant Neoplasms		452	31.9
	Accidents		98	6.9
	Diseases of the Digestive System		85	6.0
	Cerebrovascular Disease		60	4.2
55 - 64		3,290		
	Heart Disease		1,273	38.7
	Malignant Neoplasms		1,074	32.6
	Diseases of the Respiratory System		205	6.2
	Cerebrovascular Disease		168	5.1
	Accidents		112	3.4
65 - 84		13,902		
	Heart Disease		6,077	43.7
	Malignant Neoplasms		3,018	21.7
	Cerebrovascular Diseases		1,504	10.8
	Diseases of the Respiratory System		1,099	7.9
	Diseases of the Arteries, Arterioles, and Capillaries		478	3.4
85 and OVER		6,466		
	Heart Disease		3,034	46.9
	Cerebrovascular Disease		1,069	16.5
	Malignant Neoplasms		652	10.1
	Diseases of the Respiratory System		549	8.5
	Diseases of the Arteries, Arterioles, and Capillaries		415	6.4

TABLE 20

15 LEADING CAUSES OF DEATH BY NUMBER AND PERCENT OF TOTAL DEATHS, BY MALE AND FEMALE
1978 Resident Data

CAUSE OF DEATH	TOTAL		MALE		FEMALE	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	27,417	100.0	14,724	100.0	12,693	100.0
Diseases of the Heart	11,044	40.3	5,977	40.6	5,067	39.9
Malignant Neoplasms	5,448	19.9	2,956	20.1	2,492	19.6
Cerebrovasular Diseases	2,844	10.4	1,168	7.9	1,676	13.2
All Accidents	1,383	5.0	929	6.3	454	3.6
Influenza and Pneumonia	1,007	3.7	535	3.6	472	3.7
General Arteriosclerosis	550	2.0	226	1.5	324	2.6
Diabetes Mellitus	456	1.7	202	1.4	254	2.0
Other Diseases of the Arteries, Arterioles, and Capillaries	425	1.6	254	1.7	171	1.3
Bronchitis, Emphysema, and Asthma	387	1.4	286	1.9	101	0.8
Suicides	343	1.3	271	1.8	72	0.6
Certain Causes of Mortality in Early Infancy	266	1.0	151	1.0	115	0.9
Cirrhosis of the Liver	241	0.9	157	1.1	84	0.7
Congenital Anomalies	185	0.7	103	0.7	82	0.6
All Infective and Parasitic Diseases	184	0.7	96	0.7	88	0.7
Nephritis and Nephrosis	96	0.4	61	0.4	35	0.3
All Other Causes	2,558	9.3	1,352	9.2	1,206	9.5

TABLE 21

MALE MALIGNANT NEOPLASM DEATHS BY 10 LEADING SITES, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 Resident Data

SITE	1978		1977		1976		1975		1974	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	2,956	100.0	2,860	100.0	3,037	100.0	2,941	100.0	2,908	100.0
Trachea, Bronchus, and Lung	934	31.6	866	30.3	931	30.7	870	29.6	813	28.0
Intestine, Including Duodenum	372	12.6	322	11.3	353	11.6	344	11.7	335	11.5
Prostate	339	11.5	335	11.7	375	12.3	332	11.3	335	11.5
Urinary Organs	172	5.8	164	5.7	168	5.5	188	6.4	198	6.8
Pancreas	150	5.1	149	5.2	168	5.5	147	5.0	168	5.8
Leukemia*	140	4.7	130	4.5	170	5.6	145	4.9	135	4.6
Stomach	104	3.5	87	3.0	102	3.4	123	4.2	125	4.3
Rectum, and Rectosigmoid Junction	77	2.6	81	2.8	88	2.9	76	2.6	91	3.1
Esophogus	67	2.3	67	2.3	60	2.0	59	2.0	63	2.2
Brain and Nervous System	64	2.2	81	2.8	76	2.5	86	2.9	85	2.9
All Other Sites; Unspecified, Ill-Defined, and Secondary Sites	537	18.2	578	20.2	546	18.0	571	19.4	560	19.3

*Leukemia is included, although it is not a specific site

TABLE 22

FEMALE MALIGNANT NEOPLASM DEATHS BY 10 LEADING SITES, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 Resident Data

SITE	1978		1977		1976		1975		1974	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	2,492	100.0	2,476	100.0	2,485	100.0	2,414	100.0	2,437	100.0
Breast	440	17.7	490	19.8	480	19.3	475	19.7	482	19.8
Intestine, Including Duodenum	422	16.9	436	17.6	399	16.1	385	15.9	365	15.0
Trachea, Bronchus, and Lung	251	10.1	215	8.7	228	9.2	199	8.2	168	6.9
Ovary, Fallopian Tube, and Broad Ligament	174	7.0	146	5.9	168	6.8	165	6.8	168	6.9
Uterus	166	6.7	151	6.1	159	6.4	149	6.2	173	7.1
Pancreas	122	4.9	142	5.7	123	4.9	131	5.4	151	6.2
Leukemia*	106	4.3	107	4.3	107	4.3	104	4.3	102	4.2
Urinary Organs	104	4.2	90	3.6	86	3.5	80	3.3	85	3.5
Brain and Nervous System	67	2.7	51	2.1	55	2.2	59	2.4	59	2.4
Stomach	63	2.5	66	2.7	76	3.1	80	3.3	71	2.9
All Other Sites; Unspecified, Ill-Defined, and Secondary Sites	577	23.2	582	23.5	604	24.3	587	24.3	613	25.2

*Leukemia is included, although it is not a specific site

TABLE 23

ACCIDENTAL DEATHS BY TYPE OF ACCIDENT BY AGE
1978 OCCURRENCE DATA

TYPE OF ACCIDENT	TOTAL	0-4	5-14	15-24	25-44	45-64	65-74	75+	N.S.
GRAND TOTAL	1,333	55	96	333	270	194	105	279	1
WORK TOTAL	91	-	2	15	27	30	11	6	-
AGRICULTURE	35	-	1	2	7	13	7	5	-
MINING, QUARRYING, OIL AND GAS WELLS	3	-	-	1	-	2	-	-	-
CONSTRUCTION	19	-	1	8	5	5	-	-	-
MANUFACTURING	9	-	-	3	4	2	-	-	-
TRANSPORTATION	11	-	-	-	6	4	1	-	-
TRADE	12	-	-	-	5	3	3	1	-
SERVICE	2	-	-	1	-	1	-	-	-
GOVERNMENT	-	-	-	-	-	-	-	-	-
OTHER AND UNSPECIFIED INDUSTRY	-	-	-	-	-	-	-	-	-
HOME TOTAL	213	16	17	8	28	35	21	88	-
POISONINGS (GAS EXCEPTED)	4	-	-	1	2	1	-	-	-
POISONINGS BY GASES AND VAPORS	19	-	-	3	12	-	2	2	-
FALLS	91	3	1	-	2	10	10	65	-
FIRES	58	8	6	2	5	16	4	17	-
DROWNING	7	2	3	-	1	1	-	-	-
SUFFOCATION, INGESTED FOOD OR OBJECT	3	1	-	-	-	2	-	-	-
SUFFOCATION, MECHANICAL	7	1	3	1	-	1	1	-	-
FIREARMS	5	-	3	1	1	-	-	-	-
OTHER AND UNSPECIFIED HOME ACCIDENTS	19	1	1	-	5	4	4	4	-
MOTOR-VEHICLE TOTAL	662	25	44	263	161	88	33	48	-
INJURY TO PEDESTRIAN	67	10	12	14	8	7	8	8	-
INJURY TO PEDAL CYCLIST	6	1	4	-	-	1	-	-	-
INJURY TO RIDER OF ANIMAL OR OCCUPANT OF ANIMAL-DRAWN VEHICLE	-	-	-	-	-	-	-	-	-
COLLISION WITH RAILROAD TRAIN	13	1	1	8	1	1	1	-	-
COLLISION WITH OTHER MOTOR VEHICLE	323	8	14	122	74	56	19	30	-
COLLISION WITH FIXED OBJECT	168	1	3	82	56	15	4	7	-
NONCOLLISION	74	2	7	36	20	8	1	-	-
OTHER AND UNSPECIFIED ACCIDENTS	11	2	3	1	2	-	-	3	-
PERSON INJURED *									
DRIVER OF MOTOR VEH. OTHER THAN MOTORCYCLE	338	-	2	134	107	58	14	23	-
PASSENGER IN M.V. OTHER THAN MOTORCYCLE	172	14	15	73	26	18	10	16	-
MOTORCYCLIST	58	-	8	28	17	4	1	-	-
PASSENGER ON MOTORCYCLE	13	-	3	9	1	-	-	-	-
PUBLIC NON-MOTOR VEHICLE TOTAL	356	14	32	46	48	41	38	136	1
RAILROAD - NOT WITH MOTOR VEHICLE	5	-	-	3	-	-	1	-	1
OTHER VEHICLE - NOT WITH MOTOR VEHICLE	-	-	-	-	-	-	-	-	-
WATER TRANSPORT	15	-	1	4	6	2	1	1	-
AIR TRANSPORT	22	-	5	1	9	7	-	-	-
FALLS	121	-	2	1	-	4	11	103	-
FIRES	4	-	1	-	1	-	1	1	-
DROWNING	47	4	6	18	11	3	3	2	-
FIREARMS	13	-	3	4	3	3	-	-	-
OTHER AND UNSPECIFIED PUBLIC ACCIDENTS	129	10	14	15	18	22	21	29	-
ACCIDENT TYPE UNKNOWN AND LATE EFFECTS	11	-	1	1	6	-	2	1	-

* SPECIAL TOTALS - DO NOT ADD INTO M.V. OR GRAND TOTALS.

TABLE 24

ACCIDENTAL DEATHS BY TYPE OF ACCIDENT, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 Resident Data

TYPE OF ACCIDENT	1978		1977		1976		1975		1974	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	1,383	100.0	1,317	100.0	1,481	100.0	1,442	100.0	1,494	100.0
Railway	4	0.3	3	0.2	7	0.5	4	0.3	8	0.5
Motor Vehicle Traffic	672	48.6	642	48.7	784	52.9	667	46.3	694	46.5
Motor Vehicle Nontraffic	19	1.4	12	0.9	15	1.0	23	1.6	28	1.9
Other Road Vehicle	-	-	1	0.1	3	0.2	1	0.1	5	0.3
Water Transport	27	2.0	13	1.0	15	1.0	16	1.1	18	1.2
Air and Space Transport	23	1.7	17	1.3	8	0.5	11	0.8	14	0.9
Poisoning by Drugs and Medicaments	14	1.0	6	0.5	19	1.3	17	1.2	13	0.9
Poisoning by Other Solid and Liquid Substances	5	0.4	4	0.3	8	0.5	6	0.4	5	0.3
Poisoning by Gases and Vapors	22	1.6	21	1.6	35	2.4	37	2.6	23	1.5
Falls	227	16.4	243	18.5	234	15.8	242	16.8	284	19.0
Fires and Flames	74	5.4	65	4.9	65	4.4	62	4.3	69	4.6
Natural and Environmental Factors	30	2.2	14	1.1	28	1.9	22	1.5	23	1.5
Other Accidents	246	17.8	258	19.6	246	16.6	307	21.3	283	18.9
Surgical and Medical Complications and Misadventures	10	0.7	12	0.9	11	0.7	10	0.7	16	1.1
Late Effects of Accidental Injury	10	0.7	6	0.5	3	0.2	17	1.2	11	0.7

TABLE 25

SELECTED UNDERLYING CAUSES OF DEATH BY NUMBER OF SELECTED ASSOCIATED CONDITIONS
1978 RESIDENT DATA

	EIGHTH REVISION OF ICDA, 1968	TOTAL	
	UNDERLYING CAUSE OF DEATH	SELECTED UNDERLYING CAUSE	ASSOCIATED CONDITIONS
1	ALL CAUSES	27,417	79,434
2	ENTERITIS AND OTHER DIARRHEAL DISEASES	28	105
3	TUBERCULOSIS, ALL FORMS	14	56
4	TUBERCULOSIS OF RESPIRATORY SYSTEM	6	27
5	TUBERCULOSIS, OTHER FORMS	8	29
6	SEPTICEMIA	78	269
7	SYPHILIS AND ITS SEQUELAE	2	6
8	OTHER INFECTIVE AND PARASITIC DISEASES	62	201
9	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	5,448	14,098
10	MALIGNANT NEOPLASMS OF BUCCAL CAVITY AND PHARYNX	73	214
11	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	1,605	4,320
12	MALIGNANT NEOPLASMS OF RESPIRATORY SYSTEM	1,243	3,054
13	MALIGNANT NEOPLASM OF BREAST	441	1,218
14	MALIGNANT NEOPLASMS OF GENITAL ORGANS	701	1,905
15	MALIGNANT NEOPLASMS OF URINARY ORGANS	276	757
16	MALIGNANT NEOPLASMS OF OTHER AND UNSPECIFIED SITES	524	1,240
17	LEUKEMIA	246	583
18	OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	339	807
19	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	43	113
20	DIABETES MELLITUS	456	1,775
21	ANEMIAS	45	163
22	MAJOR CARDIOVASCULAR DISEASES	14,958	45,911
23	DISEASES OF HEART	11,044	34,567
24	ACTIVE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	173	593
25	HYPERTENSIVE HEART DISEASE	83	369
26	HYPERTENSIVE HEART AND RENAL DISEASE	69	289
27	ISCHEMIC HEART DISEASE	9,697	30,768
28	ACUTE MYOCARDIAL INFARCTION	5,330	15,439
29	OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	29	91
30	CHRONIC ISCHEMIC HEART DISEASE WITH HYPERTENSIVE DISEASE	258	1,324
31	CARDIOVASCULAR DISEASE WITH HYPERTENSIVE DISEASE	202	1,106
32	CHRONIC ISCHEMIC HEART DISEASE WITHOUT HYPERTENSIVE DISEASE	3,052	9,651
33	CARDIOVASCULAR DISEASE WITHOUT HYPERTENSIVE DISEASE	823	3,147
34	ANGINA PECTORIS AND ASYMPTOMATIC ISCHEMIC HEART DISEASE	3	10
35	CHRONIC DISEASE OF ENDOCARDIUM	19	67
36	SYMPTOMATIC HEART DISEASE	798	1,869
37	OTHER MYOCARDIAL INSUFFICIENCY	64	188
38	ALL OTHER FORMS OF HEART DISEASE	141	424
39	HYPERTENSION	95	334
40	CEREBROVASCULAR DISEASE	2,844	8,216
41	CEREBRAL HEMORRHAGE	274	696
42	CEREBRAL THROMBOSIS	512	1,596
43	CEREBRAL EMBOLISM	16	69
44	ALL OTHER CEREBROVASCULAR DISEASE	2,042	5,855
45	ARTERIOSCLEROSIS	550	1,473
46	AORTIC ANEURYSM	244	713
47	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	181	608
48	ACUTE BRONCHITIS AND BRONCHIOLITIS	12	53
49	INFLUENZA AND PNEUMONIA	1,007	2,858
50	INFLUENZA	83	304
51	PNEUMONIA	924	2,554
52	BRONCHITIS, EMPHYSEMA, AND ASTHMA	387	1,298
53	CHRONIC AND UNQUALIFIED BRONCHITIS	63	264
54	EMPHYSEMA	298	944
55	ASTHMA	26	90
56	OBSTRUCTIVE LUNG DISEASE	426	1,289
57	PEPTIC ULCER	81	294
58	HERNIA AND INTESTINAL OBSTRUCTION	84	313
59	CIRRHOSIS OF LIVER	241	858
60	CHOLELITHIASIS, CHOLECYSTITUS, AND CHOLANGITIS	52	205
61	NEPHRITIS AND NEPHROSIS	96	324
62	ACUTE NEPHRITIS AND NEPHROTIC SYNDROME	24	92
63	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	72	232
64	INFECTIONS OF KIDNEY	49	174
65	HYPERPLASIA OF PROSTATE	27	125
66	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	1	3
67	CONGENITAL ANOMALIES	185	565
68	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	266	746
69	BIRTH INJURY, DIFFICULT LABOR, AND OTHER ANOXIC AND HYPOXIC CONDITIONS	126	388
70	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	140	358
71	SYMPTOMS AND ILL-DEFINED CONDITIONS	139	177
72	ALL OTHER DISEASES	1,400	4,564
73	ACCIDENTS	1,383	2,264
74	MOTOR VEHICLE ACCIDENTS	691	870
75	ALL OTHER ACCIDENTS	692	1,394
76	SUICIDE	343	478
77	HOMICIDE	76	107
78	OTHER EXTERNAL CAUSES	28	42

TABLE 26

INFANT, NEONATAL, FETAL AND PERINATAL MORTALITY, BY YEAR
1974 - 1978 Resident Data

YEAR	INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS		PERINATAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1978	559	12.5	394	8.8	362	8.1	756	17.0
1977	556	12.4	431	9.6	373	8.3	804	17.9
1976	597	14.4	458	11.0	352	8.5	810	19.5
1975	556	13.4	434	10.5	369	8.9	803	19.4
1974	573	14.3	443	11.0	424	10.6	857	21.6

RATE PER 1,000 LIVE BIRTHS
PERINATAL: NEONATAL PLUS FETAL

TABLE 27

FETAL DEATHS BY AGE OF MOTHER, BY IN WEDLOCK AND OUT OF WEDLOCK
1978 RESIDENT DATA

AGE	TOTAL		IN WEDLOCK		OUT OF WEDLOCK	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	362	100.0	300	100.0	62	100.0
UNDER 15	1	0.3	-	-	1	1.6
15	5	1.4	-	-	5	8.1
16	8	2.2	1	0.3	7	11.3
17	9	2.5	4	1.3	5	8.1
18	19	5.2	13	4.3	6	9.7
19	23	6.4	17	5.7	6	9.7
15-19	64	17.7	35	11.7	29	46.8
20	18	5.0	14	4.7	4	6.5
21	27	7.5	23	7.7	4	6.5
22	27	7.5	20	6.7	7	11.3
23	33	9.1	29	9.7	4	6.5
24	17	4.7	17	5.7	-	-
20-24	122	33.7	103	34.3	19	30.6
25	29	8.0	26	8.7	3	4.8
26	26	7.2	25	8.3	1	1.6
27	20	5.5	19	6.3	1	1.6
28	13	3.6	13	4.3	-	-
29	11	3.0	11	3.7	-	-
25-29	99	27.3	94	31.3	5	8.1
30	18	5.0	16	5.3	2	3.2
31	14	3.9	13	4.3	1	1.6
32	8	2.2	6	2.0	2	3.2
33	5	1.4	5	1.7	-	-
34	6	1.7	6	2.0	-	-
30-34	51	14.1	46	15.3	5	8.1
35	7	1.9	6	2.0	1	1.6
36	6	1.7	6	2.0	-	-
37	1	0.3	1	0.3	-	-
38	4	1.1	4	1.3	-	-
39	3	0.8	2	0.7	1	1.6
35-39	21	5.8	19	6.3	2	3.2
40	1	0.3	-	-	1	1.6
41	-	-	-	-	-	-
42	-	-	-	-	-	-
43	-	-	-	-	-	-
44	-	-	-	-	-	-
40-44	1	0.3	-	-	1	1.6
45 & OVER	3	0.8	3	1.0	-	-
NOT STATED	-	-	-	-	-	-

TABLE 28
FETAL DEATHS BY AGE OF MOTHER, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 Resident Data

AGE OF MOTHER	1978		1977		1976		1975		1974	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	362	100.0	373	100.0	352	100.0	369	100.0	424	100.0
Under 15	1	0.3	1	0.3	2	0.6	-	-	-	-
15-19	64	17.7	66	17.7	60	17.0	70	19.0	83	19.6
20-24	122	33.7	122	32.7	133	37.8	130	35.2	124	29.2
25-29	99	27.3	101	27.1	92	26.1	92	24.9	117	27.6
30-34	51	14.1	54	14.5	39	11.1	48	13.0	58	13.7
35-39	21	5.8	17	4.6	19	5.4	16	4.3	28	6.6
40-44	1	0.3	9	2.4	6	1.7	9	2.4	11	2.6
45 And Over	3	0.8	3	0.8	1	0.3	4	1.1	3	0.7
NOT STATED	-	-	-	-	-	-	-	-	-	-

TABLE 29

FETAL DEATH BY CAUSE, BY COLOR
1978 RESIDENT DATA

CAUSE OF DEATH	TOTAL		WHITE		NONWHITE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	362	8.1	335	7.8	27	18.0
CHRONIC DISEASES IN MOTHER	4	0.1	4	0.1	-	-
CIRCULATORY SYSTEM	4		4		-	
GENITOURINARY SYSTEM	-		-		-	
ACUTE DISEASES IN MOTHER	12	0.3	12	0.3	-	-
SYPHILIS	-		-		-	
DIABETES MELLITUS	6		6		-	
OTHER ACUTE DISEASE OR CONDITION	6		6		-	
INJURY IN MOTHER	-		-		-	
CHEMICAL SUBSTANCES TRANSMITTED THROUGH PLACENTA	-		-		-	
DISEASES AND CONDITIONS OF PREGNANCY AND CHILDBIRTH	73	1.6	67	1.6	6	4.1
TOXEMIA OF PREGNANCY	10		10		-	
MATERNAL ANTE- AND INTRAPARTUM INFECTION	7		7		-	
PREMATURE RUPTURE OF MEMBRANES	7		7		-	
ECTOPIC PREGNANCY	-		-		-	
MULTIPLE PREGNANCY	19		17		2	
OTHER COMPLICATIONS	3		3		-	
TERMINATION OF PREGNANCY	27		23		4	
DIFFICULTIES IN LABOR	13	0.3	13	0.3	-	-
WITH ABNORMALITY OF BONES, ORGANS, AND TISSUES OF PELVIS	2		2		-	
WITH DISPROPORTION, BUT NO MENTION OF ABNORMALITY OF PELVIS	1		1		-	
WITH MALPOSITION OF FETUS	6		6		-	
WITH ABNORMALITY OF FORCES OF LABOR	-		-		-	
WITH OTHER AND UNSPECIFIED COMPLICATIONS	3		3		-	
BIRTH INJURY WITHOUT MENTION OF CAUSE	1		1		-	
PLACENTAL AND CORD CONDITIONS	130	2.9	123	2.9	7	4.8
PLACENTA PREVIA	4		4		-	
PREMATURE SEPARATION OF PLACENTA	29		26		3	
PLACENTAL INFARCTION	6		6		-	
OTHER PLACENTAL CONDITIONS	24		23		1	
COMPRESSION OF CORD	15		15		-	
PROLAPSE OF CORD WITHOUT COMPRESSION	11		10		1	
OTHER CONDITIONS OF CORD	41		39		2	
CONGENITAL ANOMALIES	21	0.5	21	0.5	-	-
CENTRAL NERVOUS SYSTEM	11		11		-	
CIRCULATORY SYSTEM	4		4		-	
OTHER MALFORMATIONS	6		6		-	
FETAL DISEASES AND CONDITIONS	104	2.3	90	2.1	14	9.6
HEMOLYTIC DISEASE WITH KERNICTERUS	-		-		-	
HEMOLYTIC DISEASE WITHOUT KERNICTERUS	6		6		-	
ANOXIC AND HYPOXIC CONDITIONS NOT ELSEWHERE CLASSIFIABLE	11		11		-	
IMMATURITY, UNQUALIFIED	10		6		4	
OTHER CONDITIONS AND UNKNOWN CAUSES	77		67		10	
OTHER CAUSES USUALLY CLASSIFIED ELSEWHERE	5	0.1	5	0.1	-	-

COLOR-SPECIFIC RATES PER 1,000 LIVE BIRTHS

TABLE 30

INFANT DEATHS BY CAUSE, BY COLOR
1978 RESIDENT DATA

CAUSE OF DEATH	TOTAL		WHITE		NONWHITE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL CAUSES	559	12.5	528	12.2	31	21.3
DIARRHEAL DISEASES	3	0.1	3	0.1	-	-
SEPTICEMIA	15	0.3	14	0.3	1	0.7
OTHER INFECTIVE AND PARASITIC DISEASES	4	0.1	3	0.1	1	0.7
MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE	-	-	-	-	-	-
BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	4	0.1	4	0.1	-	-
CYSTIC FIBROSIS	3	0.1	3	0.1	-	-
DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS	1	0.0	1	0.0	-	-
MENINGITIS	5	0.1	5	0.1	-	-
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS	9	0.2	9	0.2	-	-
ACUTE UPPER RESPIRATORY INFECTIONS	-	-	-	-	-	-
BRONCHITIS AND BRONCHIOLITIS	-	-	-	-	-	-
INFLUENZA	-	-	-	-	-	-
PNEUMONIA	13	0.3	13	0.3	-	-
OTHER CHRONIC INTERSTITIAL PNEUMONIA	-	-	-	-	-	-
ALL OTHER DISEASES OF RESPIRATORY SYSTEM	4	0.1	4	0.1	-	-
HERNIA AND INTESTINAL OBSTRUCTION	5	0.1	5	0.1	-	-
OTHER DISEASES OF DIGESTIVE SYSTEM	3	0.1	3	0.1	-	-
CONGENITAL ANOMALIES	129	2.9	118	2.7	11	7.6
ANENCEPHALUS	14		14		-	
SPINA BIFIDA	8		7		1	
CONGENITAL HYDROCEPHALUS	3		2		1	
OTHER CONGENITAL ANOMALIES OF CENTRAL NERVOUS SYSTEM AND EYE	7		6		1	
CONGENITAL ANOMALIES OF HEART	51		47		4	
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	13		11		2	
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	7		6		1	
CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	3		3		-	
CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	2		2		-	
CONGENITAL ANOMALIES OF MUSCULOSKELETAL SYSTEM	7		7		-	
DOWN S DISEASE	1		1		-	
OTHER CONGENITAL SYNDROMES AFFECTING MULTIPLE SYSTEMS	12		11		1	
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	1		1		-	
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	263	5.9	249	5.8	14	9.6
CHRONIC CIRCULATORY AND GENITOURINARY DISEASES IN MOTHER	-		-		-	
OTHER MATERNAL CONDITIONS UNRELATED TO PREGNANCY	1		1		-	
SYPHILIS	-		-		-	
DIABETES MELLITUS	1		1		-	
RUBELLA	-		-		-	
ALL OTHER MATERNAL CONDITIONS UNRELATED TO PREGNANCY	-		-		-	
TOXEMIA OF PREGNANCY	-		-		-	
MATERNAL ANTEPARTUM AND INTRAPARTUM INFECTION	3		3		-	
DIFFICULT LABOR	1		1		-	
WITH MENTION OF BIRTH INJURY	1		1		-	
WITHOUT MENTION OF BIRTH INJURY	-		-		-	
ALL OTHER COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	43		43		-	
CONDITIONS OF PLACENTA	11		11		-	
CONDITIONS OF UMBILICAL CORD	2		2		-	
BIRTH INJURY WITHOUT MENTION OF CAUSE	26		26		-	
HEMOLYTIS DISEASE OF NEWBORN	2		2		-	
HYALINE MEMBRANE DISEASE	37		35		2	
RESPIRATORY DISTRESS SYNDROME	31		28		3	
ASPHYXIA OF NEWBORN, UNSPECIFIED	25		23		2	
ALL OTHER ANOXIC AND HYPOXIC CONDITIONS NOT ELSEWHERE CLASSIFIABLE	3		3		-	
IMMATURITY, UNQUALIFIED	35		31		4	
HEMORRHAGIC DISEASE OF NEWBORN	4		3		1	
ALL OTHER CONDITIONS OF NEWBORN	39		37		2	
SYMPTOMS AND ILL-DEFINED CONDITIONS	60	1.3	58	1.3	2	1.4
ACCIDENTS	9	0.2	8	0.2	1	0.7
INHALATION AND INGESTION OF FOOD OR OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCATION	-		-		-	
ACCIDENTAL MECHANICAL SUFFOCATION	2		2		-	
OTHER ACCIDENTAL CAUSES	7		6		1	
HOMICIDE	-	-	-	-	-	-
ALL OTHER CAUSES	29	0.7	28	0.6	1	0.7

COLOR-SPECIFIC RATES PER 1,000 LIVE BIRTHS.

TABLE 31

INFANT DEATHS BY CAUSE, SEX, AND COLOR, BY SUBDIVISION OF THE FIRST YEAR
1978 RESIDENT DATA

CAUSE	SEX	UNDER 1 DAY			UNDER 1 WEEK			UNDER 1 MONTH*			UNDER 1 YEAR		
		TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
TOTAL	TOTAL	220	207	13	346	327	19	394	373	21	559	528	31
	MALE	129	121	8	201	191	10	236	224	12	323	308	15
	FEMALE	91	86	5	145	136	9	158	149	9	236	220	16
INFECTIOUS AND PARASITIC DISEASES	TOTAL	2	2	-	8	7	1	14	12	2	22	20	2
	MALE	1	1	-	4	4	-	10	9	1	13	12	1
	FEMALE	1	1	-	4	3	1	4	3	1	9	8	1
ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES	TOTAL	-	-	-	1	1	-	2	2	-	8	8	-
	MALE	-	-	-	1	1	-	2	2	-	3	3	-
	FEMALE	-	-	-	-	-	-	-	-	-	5	5	-
DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS	TOTAL	-	-	-	-	-	-	-	-	-	1	1	-
	MALE	-	-	-	-	-	-	-	-	-	1	1	-
	FEMALE	-	-	-	-	-	-	-	-	-	-	-	-
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	TOTAL	-	-	-	-	-	-	1	1	-	14	14	-
	MALE	-	-	-	-	-	-	1	1	-	9	9	-
	FEMALE	-	-	-	-	-	-	-	-	-	5	5	-
DISEASES OF THE CIRCULATORY SYSTEM	TOTAL	1	1	-	3	3	-	6	6	-	18	17	1
	MALE	1	1	-	3	3	-	5	5	-	11	11	-
	FEMALE	-	-	-	-	-	-	1	1	-	7	6	1
DISEASES OF THE RESPIRATORY SYSTEM	TOTAL	2	2	-	3	3	-	4	4	-	17	17	-
	MALE	2	2	-	3	3	-	4	4	-	10	10	-
	FEMALE	-	-	-	-	-	-	-	-	-	7	7	-
DISEASES OF THE DIGESTIVE SYSTEM	TOTAL	4	4	-	5	5	-	5	5	-	8	8	-
	MALE	4	4	-	4	4	-	4	4	-	6	6	-
	FEMALE	-	-	-	1	1	-	1	1	-	2	2	-
CONGENITAL ANOMALIES	TOTAL	38	36	2	75	70	5	85	80	5	129	118	11
	MALE	26	24	2	47	44	3	54	51	3	73	69	4
	FEMALE	12	12	-	28	26	2	31	29	2	56	49	7
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	TOTAL	168	157	11	241	228	13	260	246	14	263	249	14
	MALE	92	86	6	132	125	7	146	138	8	149	141	8
	FEMALE	76	71	5	109	103	6	114	108	6	114	108	6
ACCIDENTS, POISONINGS, AND VIOLENCE	TOTAL	1	1	-	1	1	-	1	1	-	9	8	1
	MALE	1	1	-	1	1	-	1	1	-	4	4	-
	FEMALE	-	-	-	-	-	-	-	-	-	5	4	1
ALL OTHER CAUSES	TOTAL	4	4	-	9	9	-	16	16	-	70	68	2
	MALE	2	2	-	6	6	-	9	9	-	44	42	2
	FEMALE	2	2	-	3	3	-	7	7	-	26	26	-

* UNDER 28 DAYS.

TABLE 32

INFANT DEATHS BY YEAR, BY SUBDIVISION OF THE FIRST YEAR OF LIFE [1/]
1960 - 1978 Resident Data

YEAR	UNDER 1 DAY		UNDER 1 WEEK		UNDER 1 MONTH*		UNDER 1 YEAR	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1978	220	4.9	126	2.8	48	1.1	165	3.7
1977	199	4.4	160	3.6	72	1.6	125	2.8
1976	237	5.7	159	3.8	62	1.5	139	3.3
1975	199	4.8	164	4.0	71	1.7	122	2.9
1974	251	6.2	137	3.4	55	1.4	130	3.2
1973	276	7.1	142	3.6	55	1.4	147	3.8
1972	363	8.9	156	3.8	59	1.4	153	3.7
1971	380	8.4	182	4.0	58	1.3	171	3.8
1970	449	9.3	223	4.6	61	1.3	175	3.6
1969	426	9.0	201	4.2	79	1.7	188	4.0
1968	473	10.1	198	4.2	50	1.1	173	3.7
1967	434	9.2	223	4.7	70	1.5	181	3.8
1966	442	9.1	246	5.0	57	1.2	204	4.2
1965	488	9.6	244	4.8	53	1.0	263	5.2
1964	526	9.5	273	4.9	85	1.5	294	5.3
1963	531	9.2	275	4.8	81	1.4	302	5.2
1962	512	8.4	305	5.0	98	1.6	290	4.8
1961	575	9.1	310	4.9	101	1.6	318	5.0
1960	631	9.9	337	5.3	100	1.6	331	5.2

[1/] Subdivisions are mutually exclusive.
*Under 28 days.

Rate per 1,000 live births.

TABLE 33

MARRIAGES AND DISSOLUTIONS BY YEAR, BY MEDIAN AGE
OF GROOM AND BRIDE, HUSBAND AND WIFE
1974 - 1978 Occurrence Data

YEAR	MARRIAGES		DISSOLUTIONS	
	MEDIAN AGE		MEDIAN AGE	
	Groom	Bride	Husband	Wife
1978	23.1	21.1	29.8	27.6
1977	22.9	20.8	29.7	27.4
1976	22.6	20.3	29.8	27.3
1975	22.2	20.3	29.4	27.0
1974	21.9	20.1	29.6	26.9

TABLE 34

MARRIAGES BY AGE OF GROOM AND BRIDE, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 OCCURENCE DATA

AGE	1978				1977				1976				1975				1974			
	GROOM		BRIDE		GROOM		BRIDE		GROOM		BRIDE		GROOM		BRIDE		GROOM		BRIDE	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	28,030	100.0	28,030	100.0	26,419	100.0	26,419	100.0	25,727	100.0	25,727	100.0	25,616	100.0	25,616	100.0	27,209	100.0	27,909	100.0
Under 15	-	-	2	0.0	-	-	2	0.0	-	-	-	-	1	0.0	18	0.1	1	0.0	34	0.1
15-19	3,386	12.1	7,975	28.5	3,493	13.2	8,059	30.5	3,736	14.5	8,368	32.5	4,145	16.2	9,041	35.3	5,002	18.5	10,208	37.5
20-24	12,310	43.9	11,339	40.5	11,631	44.0	10,583	40.1	11,653	45.3	10,322	40.1	12,008	46.9	10,300	40.2	12,685	46.6	10,739	39.5
25-29	5,672	20.2	3,990	14.2	5,333	20.2	3,513	13.3	4,899	19.0	3,165	12.3	4,518	17.6	2,689	10.5	4,529	16.6	2,648	9.7
30-34	2,492	8.9	1,732	6.2	2,091	7.9	1,478	5.6	1,781	6.9	1,226	4.8	1,563	6.1	1,082	4.2	1,670	6.1	1,074	3.9
35-39	1,307	4.7	987	3.5	1,087	4.1	850	3.2	998	3.9	703	2.7	891	3.5	616	2.4	824	3.0	602	2.2
40-44	835	3.0	602	2.1	775	2.9	531	2.0	668	2.6	507	2.0	594	2.3	449	1.8	567	2.1	432	1.6
45-49	588	2.1	433	1.5	574	2.2	396	1.5	548	2.1	383	1.5	458	1.8	364	1.4	528	1.9	438	1.6
50 and Over	1,428	5.1	935	3.3	1,432	5.4	1,002	3.8	1,440	5.6	1,044	4.1	1,437	5.6	1,051	4.1	1,378	5.1	1,030	3.8
Not Stated	12	0.0	35	0.1	3	0.0	5	0.0	4	0.0	9	0.0	1	0.0	6	0.0	5	0.0	4	0.0

TABLE 35

MARRIAGES BY AGE OF GROOM BY AGE OF BRIDE, PERCENT DISTRIBUTION
1978 Occurrence Data

AGE OF GROOM	TOTAL		AGE OF BRIDE									
			15-19*			20-24			25-29			30-34		
	Number	Percent	Number	Percent		Number	Percent		Number	Percent		Number	Percent	
				Groom Base	Bride Base		Groom Base	Bride Base		Groom Base	Bride Base		Groom Base	Bride Base
TOTAL	28,030		7,977		100.0	11,339		100.0	3,990		100.0	1,732		100.0
15-19	3,386	100.0	2,809	83.0	35.2	536	15.8	4.7	34	1.0	0.9	3	0.1	0.2
20-24	12,310	100.0	4,435	36.0	55.6	6,987	56.8	61.6	728	5.9	18.2	123	1.0	7.1
25-29	5,672	100.0	582	10.3	7.3	2,886	50.9	25.5	1,770	31.2	44.4	355	6.3	20.5
30-34	2,492	100.0	102	4.1	1.3	688	27.6	6.1	944	37.9	23.7	536	21.5	30.9
35-39	1,307	100.0	30	2.3	0.4	173	13.2	1.5	324	24.8	8.1	360	27.5	20.8
40-44	835	100.0	10	1.2	0.1	38	4.6	0.3	114	13.7	2.9	205	24.6	11.8
45-49	588	100.0	6	1.0	0.1	15	2.6	0.1	53	9.0	1.3	97	16.5	5.6
50 and Over	1,428	100.0	3	0.2	0.0	15	1.1	0.1	23	1.6	0.6	53	3.7	3.1
Not Stated	12	100.0	-	-	-	1	8.3	0.0	-	-	-	-	-	-

AGE OF GROOM	AGE OF BRIDE											
	35-39			40-44			45-49			50 and Over			Not Stated		
	Number	Percent		Number	Percent		Number	Percent		Number	Percent		Number	Percent	
		Groom Base	Bride Base		Groom Base	Bride Base		Groom Base	Bride Base		Groom Base	Bride Base		Groom Base	Bride Base
TOTAL	987		100.0	602		100.0	433		100.0	935		100.0	35		100.0
15-19	2	0.1	0.2	-	-	-	-	-	-	-	-	-	2	0.1	5.7
20-24	26	0.2	2.6	2	0.0	0.3	-	-	-	-	-	-	9	0.1	25.7
25-29	59	1.0	6.0	12	0.2	2.0	1	0.0	0.2	1	0.0	0.1	6	0.1	17.1
30-34	165	6.6	16.7	46	1.8	7.6	8	0.3	1.8	1	0.0	0.1	2	0.1	5.7
35-39	296	22.6	30.0	94	7.2	15.6	20	1.5	4.6	7	0.5	0.7	3	0.2	8.6
40-44	214	25.6	21.7	164	19.6	27.2	66	7.9	15.2	20	2.4	2.1	4	0.5	11.4
45-49	131	22.3	13.3	130	22.1	21.6	107	18.2	24.7	49	8.3	5.2	-	-	-
50 and Over	92	6.4	9.3	154	10.8	25.6	231	16.2	53.3	856	59.9	91.6	1	0.1	2.9
Not Stated	2	16.7	0.2	-	-	-	-	-	-	1	8.3	0.1	8	66.7	22.9

*Includes 2 under 15 (grooms 15-19)

TABLE 36
MARRIAGES BY AGE OF GROOM BY AGE OF BRIDE
1978 OCCURRENCE DATA

AGE OF GROOM	TOTAL	AGE OF BRIDE												
		UNDER 15	15	16	17	18	19	20	21	22	23	24	25	26
TOTAL	28,030	2	5	521	1,081	3,075	3,293	3,057	2,608	2,308	1,892	1,414	1,134	927
UNDER 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	28	-	1	12	9	3	1	-	2	-	-	-	-	-
17	228	-	-	53	73	68	18	8	6	-	1	1	-	-
18	1,105	1	2	140	243	393	203	63	24	9	8	4	3	3
19	2,025	1	1	123	254	655	555	244	86	43	31	6	5	4
20	2,605	-	-	68	196	599	681	551	243	97	63	38	19	11
21	2,714	-	1	39	99	473	557	613	444	225	94	65	26	24
22	2,684	-	-	39	80	314	392	469	510	435	196	70	56	40
23	2,376	-	-	19	45	195	287	320	381	394	337	156	72	53
24	1,931	-	-	12	32	111	196	244	280	306	262	194	115	57
25	1,577	-	-	5	14	74	102	177	201	202	201	177	140	99
26	1,346	-	-	2	11	45	85	107	130	158	184	187	125	110
27	1,102	-	-	2	3	45	66	69	95	109	131	117	108	88
28	885	-	-	3	6	29	35	59	64	82	84	85	95	79
29	762	-	-	2	2	18	33	26	54	54	72	61	81	83
30-34	2,492	-	-	2	12	35	53	73	102	148	167	198	200	204
35-39	1,307	-	-	-	1	12	17	23	34	35	45	36	55	46
40-44	835	-	-	-	1	1	8	3	5	9	9	12	20	16
45-49	588	-	-	-	-	2	4	6	4	-	3	2	8	7
50-54	469	-	-	-	-	1	-	1	1	2	2	3	4	1
55-59	340	-	-	-	-	1	-	1	1	-	-	1	-	2
60-64	236	-	-	-	-	1	-	-	1	-	-	1	2	-
65-69	176	-	-	-	-	-	-	-	-	-	1	-	-	-
70-74	108	-	-	-	-	-	-	-	-	-	-	-	-	-
75 +	99	-	-	-	-	-	-	-	-	-	-	-	-	-
N.S.	12	-	-	-	-	-	-	-	-	-	1	-	-	-

AGE OF GROOM	AGE OF BRIDE												
	27	28	29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 +	N.S.
TOTAL	763	626	540	1,732	987	602	433	301	237	173	118	69	37	35
UNDER 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	4	2	-	2	-	-	-	-	-	-	-	-	-	1
19	6	3	4	1	2	-	-	-	-	-	-	-	-	1
20	12	4	5	12	5	1	-	-	-	-	-	-	-	-
21	11	14	6	17	4	-	-	-	-	-	-	-	-	2
22	19	17	7	31	7	-	-	-	-	-	-	-	-	2
23	37	21	18	30	6	1	-	-	-	-	-	-	-	4
24	40	30	14	33	4	-	-	-	-	-	-	-	-	1
25	57	45	19	51	7	2	-	1	-	-	-	-	-	3
26	60	38	30	64	9	1	-	-	-	-	-	-	-	-
27	88	53	39	75	12	1	-	-	-	-	-	-	-	1
28	64	60	48	75	12	3	1	-	-	-	-	-	-	1
29	55	58	48	90	19	5	-	-	-	-	-	-	-	1
30-34	205	173	162	536	165	46	8	-	1	-	-	-	-	2
35-39	72	64	87	360	296	94	20	6	-	-	-	-	1	3
40-44	23	23	32	205	214	164	66	15	4	1	-	-	-	4
45-49	7	16	15	97	131	130	107	37	8	4	-	-	-	-
50-54	2	4	2	33	57	91	123	87	44	11	-	-	-	-
55-59	1	1	4	17	24	39	70	77	70	26	4	-	1	-
60-64	-	-	-	3	7	17	30	49	62	41	15	6	1	-
65-69	-	-	-	-	2	5	6	22	32	50	42	13	3	-
70-74	-	-	-	-	1	1	1	3	13	29	31	24	4	1
75 +	-	-	-	-	1	1	1	3	3	11	26	26	27	-
N.S.	-	-	-	-	2	-	-	1	-	-	-	-	-	8

TABLE 37

DISSOLUTIONS BY AGE, BY COLOR OF HUSBAND AND WIFE
1978 OCCURRENCE DATA

AGE	TOTAL				WHITE				NONWHITE			
	HUSBAND		WIFE		HUSBAND		WIFE		HUSBAND		WIFE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	11,123	100.0	11,123	100.0	10,880	100.0	10,902	100.0	243	100.0	221	100.0
UNDER 15	-	-	2	0.0	-	-	2	0.0	-	-	-	-
15	-	-	2	0.0	-	-	2	0.0	-	-	-	-
16	-	-	15	0.1	-	-	15	0.1	-	-	-	-
17	1	0.0	41	0.4	1	0.0	41	0.4	-	-	-	-
18	26	0.2	158	1.4	25	0.2	158	1.4	1	0.4	-	-
19	109	1.0	310	2.8	109	1.0	308	2.8	-	-	2	0.9
15 - 19	136	1.2	526	4.7	135	1.2	524	4.8	1	0.4	2	0.9
20	201	1.8	466	4.2	196	1.8	462	4.2	5	2.1	4	1.8
21	373	3.4	592	5.3	364	3.3	584	5.4	9	3.7	8	3.6
22	444	4.0	627	5.6	437	4.0	616	5.7	7	2.9	11	5.0
23	516	4.6	678	6.1	513	4.7	668	6.1	3	1.2	10	4.5
24	564	5.1	585	5.3	552	5.1	576	5.3	12	4.9	9	4.1
20 - 24	2,098	18.9	2,948	26.5	2,062	19.0	2,906	26.7	36	14.8	42	19.0
25	594	5.3	649	5.8	582	5.3	634	5.8	12	4.9	15	6.8
26	601	5.4	585	5.3	586	5.4	571	5.2	15	6.2	14	6.3
27	607	5.5	537	4.8	593	5.5	525	4.8	14	5.8	12	5.4
28	550	4.9	499	4.5	532	4.9	485	4.4	18	7.4	14	6.3
29	544	4.9	474	4.3	532	4.9	465	4.3	12	4.9	9	4.1
25 - 29	2,896	26.0	2,744	24.7	2,825	26.0	2,680	24.6	71	29.2	64	29.0
30	510	4.6	469	4.2	498	4.6	458	4.2	12	4.9	11	5.0
31	505	4.5	453	4.1	498	4.6	440	4.0	7	2.9	13	5.9
32	351	3.2	314	2.8	342	3.1	306	2.8	9	3.7	8	3.6
33	320	2.9	308	2.8	313	2.9	303	2.8	7	2.9	5	2.3
34	341	3.1	286	2.6	330	3.0	276	2.5	11	4.5	10	4.5
30 - 34	2,027	18.2	1,830	16.5	1,981	18.2	1,783	16.4	46	18.9	47	21.3
35	302	2.7	292	2.6	291	2.7	279	2.6	11	4.5	13	5.9
36	317	2.8	255	2.3	308	2.8	251	2.3	9	3.7	4	1.8
37	292	2.6	235	2.1	284	2.6	230	2.1	8	3.3	5	2.3
38	224	2.0	215	1.9	222	2.0	213	2.0	2	0.8	2	0.9
39	224	2.0	197	1.8	215	2.0	194	1.8	9	3.7	3	1.4
35 - 39	1,359	12.2	1,194	10.7	1,320	12.1	1,167	10.7	39	16.0	27	12.2
40	225	2.0	177	1.6	220	2.0	171	1.6	5	2.1	6	2.7
41	217	2.0	160	1.4	211	1.9	156	1.4	6	2.5	4	1.8
42	197	1.8	157	1.4	195	1.8	153	1.4	2	0.8	4	1.8
43	181	1.6	143	1.3	179	1.6	140	1.3	2	0.8	3	1.4
44	163	1.5	123	1.1	160	1.5	120	1.1	3	1.2	3	1.4
40 - 44	983	8.8	760	6.8	965	8.9	740	6.8	18	7.4	20	9.0
45	150	1.3	99	0.9	146	1.3	97	0.9	4	1.6	2	0.9
46	125	1.1	96	0.9	123	1.1	94	0.9	2	0.8	2	0.9
47	127	1.1	93	0.8	125	1.1	93	0.9	2	0.8	-	-
48	129	1.2	93	0.8	126	1.2	92	0.8	3	1.2	1	0.5
49	117	1.1	83	0.7	116	1.1	82	0.8	1	0.4	1	0.5
45 - 49	648	5.8	464	4.2	636	5.8	458	4.2	12	4.9	6	2.7
50 AND OVER	905	8.1	568	5.1	888	8.2	561	5.1	17	7.0	7	3.2
NOT STATED	71	0.6	87	0.8	68	0.6	81	0.7	3	1.2	6	2.7

TABLE 38

DISSOLUTIONS BY AGE BY PRIMARY MARRIAGE AND REMAINDER BY HUSBAND AND WIFE
1978 OCCURRENCE DATA

A G E	PRIMARY MARRIAGE				REMAINDER			
	HUSBAND		WIFE		HUSBAND		WIFE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	7,324	100.0	7,324	100.0	3,799	100.0	3,799	100.0
UNDER 15	-	-	1	0.0	-	-	1	0.0
15	-	-	2	0.0	-	-	-	-
16	-	-	15	0.2	-	-	-	-
17	1	0.0	38	0.5	-	-	3	0.1
18	25	0.3	142	1.9	1	0.0	16	0.4
19	100	1.4	282	3.9	9	0.2	28	0.7
20	177	2.4	394	5.4	24	0.6	72	1.9
21	339	4.6	484	6.6	34	0.9	108	2.8
22	380	5.2	497	6.8	64	1.7	130	3.4
23	455	6.2	512	7.0	61	1.6	166	4.4
24	477	6.5	443	6.0	87	2.3	142	3.7
25	478	6.5	445	6.1	116	3.1	204	5.4
26	466	6.4	412	5.6	135	3.6	173	4.6
27	430	5.9	384	5.2	177	4.7	153	4.0
28	400	5.5	327	4.5	150	3.9	172	4.5
29	372	5.1	296	4.0	172	4.5	178	4.7
30	353	4.8	282	3.9	157	4.1	187	4.9
31	305	4.2	276	3.8	200	5.3	177	4.7
32	209	2.9	164	2.2	142	3.7	150	3.9
33	191	2.6	185	2.5	129	3.4	123	3.2
34	182	2.5	165	2.3	159	4.2	121	3.2
35	163	2.2	168	2.3	139	3.7	124	3.3
36	184	2.5	134	1.8	133	3.5	121	3.2
37	159	2.2	132	1.8	133	3.5	103	2.7
38	132	1.8	111	1.5	92	2.4	104	2.7
39	110	1.5	93	1.3	114	3.0	104	2.7
40	106	1.4	89	1.2	119	3.1	88	2.3
41	117	1.6	89	1.2	100	2.6	71	1.9
42	109	1.5	92	1.3	88	2.3	65	1.7
43	87	1.2	75	1.0	94	2.5	68	1.8
44	93	1.3	72	1.0	70	1.8	51	1.3
45	75	1.0	53	0.7	75	2.0	46	1.2
46	61	0.8	54	0.7	64	1.7	42	1.1
47	58	0.8	57	0.8	69	1.8	36	0.9
48	68	0.9	48	0.7	61	1.6	45	1.2
49	63	0.9	46	0.6	54	1.4	37	1.0
50 AND OVER	361	4.9	221	3.0	544	14.3	347	9.1
NOT STATED	38	0.5	44	0.6	33	0.9	43	1.1

TABLE 39

DISSOLUTIONS BY AGE OF HUSBAND AND WIFE, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 OCCURENCE DATA

AGE	1978				1977				1976				1975				1974			
	HUSBAND		WIFE		HUSBAND		WIFE		HUSBAND		WIFE		HUSBAND		WIFE		HUSBAND		WIFE	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Ages	11,123	100.0	11,123	100.0	10,890	100.0	10,890	100.0	10,817	100.0	10,817	100.0	10,304	100.0	10,304	100.0	9,480	100.0	9,480	100.0
Under 15	-	-	2	0.0	-	-	1	0.0	-	-	2	0.0	-	-	-	-	-	-	-	-
15-19	136	1.2	526	4.7	157	1.4	596	5.5	163	1.5	623	5.8	165	1.6	640	6.2	167	1.8	661	7.0
20-24	2,098	18.9	2,948	26.5	2,244	20.6	2,980	27.4	2,262	20.9	2,994	27.7	2,243	21.8	2,952	28.6	2,111	22.3	2,730	28.8
25-29	2,896	26.0	2,744	24.7	2,708	24.9	2,621	24.1	2,697	24.9	2,574	23.8	2,587	25.1	2,396	23.3	2,266	23.9	2,067	21.8
30-34	2,027	18.2	1,830	16.5	1,865	17.1	1,630	15.0	1,691	15.6	1,459	13.5	1,658	16.1	1,388	13.5	1,509	15.9	1,344	14.2
35-39	1,359	12.2	1,194	10.7	1,269	11.7	1,097	10.1	1,300	12.0	1,095	10.1	1,112	10.8	980	9.5	1,063	11.2	901	9.5
40-44	983	8.8	760	6.8	873	8.0	716	6.6	878	8.1	737	6.8	818	7.9	685	6.6	810	8.5	646	6.8
45-49	648	5.8	464	4.2	651	6.0	436	4.0	657	6.1	490	4.5	648	6.3	468	4.5	585	6.2	419	4.4
50 and Over	905	8.1	568	5.1	922	8.5	615	5.6	976	9.0	644	6.0	917	8.9	628	6.1	801	8.4	568	6.0
Not Stated	71	0.6	87	0.8	201	1.8	198	1.8	193	1.8	199	1.8	156	1.5	167	1.6	168	1.8	144	1.5

TABLE 40

DISSOLUTIONS BY DURATION OF MARRIAGE, PERCENT DISTRIBUTION, BY YEAR
1974 - 1978 Occurrence Data

DURATION IN YEARS	1978		1977		1976		1975		1974	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	11,123	100.0	10,890	100.0	10,817	100.0	10,304	100.0	9,480	100.0
Under 1	529	4.8	463	4.3	568	5.3	540	5.2	507	5.3
1-4	3,824	34.4	3,839	35.3	3,812	35.2	3,743	36.3	3,415	36.0
5-9	3,277	29.5	3,094	28.4	2,989	27.6	2,778	27.0	2,557	27.0
10-14	1,459	13.1	1,426	13.1	1,316	12.2	1,239	12.0	1,173	12.4
15-19	840	7.6	853	7.7	867	8.0	808	7.8	747	7.9
20-24	563	5.1	562	5.2	537	5.0	520	5.0	508	5.4
25-29	341	3.1	329	3.0	383	3.5	375	3.6	328	3.5
30-34	185	1.7	158	1.5	183	1.7	133	1.3	144	1.5
35-39	61	0.5	80	0.7	74	0.7	70	0.7	50	0.5
40 and Over	27	0.2	34	0.3	34	0.3	42	0.4	25	0.3
Not Stated	17	0.2	70	0.6	54	0.5	56	0.5	26	0.3

TABLE 41

DISSOLUTIONS BY DURATION OF MARRIAGE, BY COLOR
1978 OCCURRENCE DATA

DURATION IN YEARS	TOTAL		WHITE		NONWHITE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	11,123	100.0	10,839	100.0	284	100.0
UNDER 1	529	4.8	517	4.8	12	4.2
1	540	4.9	524	4.8	16	5.6
2	1,138	10.2	1,105	10.2	33	11.6
3	1,104	9.9	1,078	9.9	26	9.2
4	1,042	9.4	1,012	9.3	30	10.6
0 - 4	4,353	39.1	4,236	39.1	117	41.2
5	848	7.6	823	7.6	25	8.8
6	747	6.7	727	6.7	20	7.0
7	663	6.0	644	5.9	19	6.7
8	545	4.9	531	4.9	14	4.9
9	474	4.3	461	4.3	13	4.6
5 - 9	3,277	29.5	3,186	29.4	91	32.0
10	403	3.6	395	3.6	8	2.8
11	313	2.8	309	2.9	4	1.4
12	275	2.5	268	2.5	7	2.5
13	260	2.3	253	2.3	7	2.5
14	208	1.9	202	1.9	6	2.1
10 - 14	1,459	13.1	1,427	13.2	32	11.3
15	196	1.8	189	1.7	7	2.5
16	172	1.5	166	1.5	6	2.1
17	166	1.5	159	1.5	7	2.5
18	149	1.3	145	1.3	4	1.4
19	157	1.4	156	1.4	1	0.4
15 - 19	840	7.6	815	7.5	25	8.8
20	138	1.2	134	1.2	4	1.4
21	123	1.1	120	1.1	3	1.1
22	117	1.1	114	1.1	3	1.1
23	103	0.9	102	0.9	1	0.4
24	82	0.7	82	0.8	-	0.0
20 - 24	563	5.1	552	5.1	11	3.9
25	79	0.7	79	0.7	-	0.0
26	82	0.7	80	0.7	2	0.7
27	59	0.5	58	0.5	1	0.4
28	65	0.6	64	0.6	1	0.4
29	56	0.5	56	0.5	-	0.0
25 - 29	341	3.1	337	3.1	4	1.4
30	51	0.5	51	0.5	-	0.0
31	53	0.5	53	0.5	-	0.0
32	38	0.3	37	0.3	1	0.4
33	23	0.2	22	0.2	1	0.4
34	20	0.2	20	0.2	-	0.0
30 - 34	185	1.7	183	1.7	2	0.7
35	19	0.2	19	0.2	-	0.0
36	13	0.1	13	0.1	-	0.0
37	13	0.1	13	0.1	-	0.0
38	6	0.1	6	0.1	-	0.0
39	10	0.1	10	0.1	-	0.0
35 - 39	61	0.5	61	0.6	-	0.0
40 AND OVER	27	0.2	26	0.2	1	0.4
NOT STATED	17	0.2	16	0.1	1	0.4

TABLE 42

NUMBER OF DISSOLUTIONS INVOLVING CHILDREN UNDER 18 YEARS OF AGE BY COLOR
1978 OCCURRENCE DATA

NUMBER OF CHILDREN	TOTAL		WHITE		NONWHITE	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	11,123	100.0	10,839	100.0	284	100.0
NONE	4,470	40.2	4,353	40.2	117	41.2
1	2,818	25.3	2,742	25.3	76	26.8
2	2,477	22.3	2,426	22.4	51	18.0
3	890	8.0	868	8.0	22	7.7
4	286	2.6	275	2.5	11	3.9
5	85	0.8	83	0.8	2	0.7
6	25	0.2	23	0.2	2	0.7
7	2	0.0	2	0.0	-	-
8	6	0.1	6	0.1	-	-
9	-	-	-	-	-	-
10 OR MORE	-	-	-	-	-	-
NOT STATED	64	0.6	61	0.6	3	1.1

APPENDIX

APPENDIX TABLE 1
FINAL POPULATION AND REVISED RATES FOR LIVE BIRTHS, DEATHS
MARRIAGES, AND DISSOLUTIONS BY COUNTY, BY YEAR
1975-1976

COUNTY	POPULATION		LIVE BIRTHS		DEATHS		MARRIAGES		DISSOLUTIONS	
	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975
STATE TOTAL	2,874,000	2,861,000	14.5	14.5	9.7	9.8	9.0	9.0	3.8	3.6
Adair	9,400	9,400	13.0	12.0	10.7	11.6	8.2	7.3	2.4	1.5
Adams	6,000	6,100	12.8	11.1	16.2	13.3	8.7	9.7	2.5	4.1
Allamakee	15,300	15,200	13.5	15.5	12.9	10.3	11.9	11.6	2.2	1.6
Appanoose	15,100	14,800	14.2	13.6	15.6	17.2	8.1	8.3	3.1	3.3
Audubon	9,100	9,000	13.0	12.2	12.2	11.8	8.5	8.6	3.3	2.1
Benton	23,400	23,300	14.0	12.5	10.6	10.1	9.1	7.4	3.0	2.0
Black Hawk	135,400	134,300	15.8	14.9	7.7	8.1	8.3	8.4	4.5	4.1
Boone	26,200	26,200	12.5	12.8	11.6	13.1	8.4	7.9	4.0	3.4
Bremer	23,900	24,000	13.1	12.2	7.4	8.3	7.2	8.5	2.4	2.2
Buchanan	22,500	22,400	16.4	16.2	9.5	10.5	8.7	8.2	2.4	2.5
Buena Vista	20,400	20,500	13.9	13.4	11.0	10.9	9.0	11.4	2.6	2.5
Butler	17,200	17,100	14.9	15.1	9.6	11.9	7.1	8.9	1.6	1.3
Calhoun	13,800	13,800	12.0	12.5	13.8	12.7	8.8	10.2	2.1	2.4
Carroll	23,200	23,300	16.5	14.7	11.7	10.5	8.7	9.8	2.0	1.3
Cass	16,800	16,800	13.3	12.1	12.9	13.5	9.6	9.2	3.3	3.6
Cedar	17,600	17,300	14.3	15.0	12.7	9.6	7.4	10.0	3.0	2.9
Cerro Gordo	48,400	48,700	14.2	13.5	10.7	10.6	9.5	9.6	3.8	4.1
Cherokee	16,300	16,400	13.2	14.5	10.1	9.3	9.2	8.2	1.3	2.1
Chickasaw	15,300	15,200	15.0	16.3	10.0	10.7	60.3	56.6	1.3	1.5
Clarke	7,900	7,800	12.9	13.2	12.0	14.9	8.2	8.2	3.8	3.5
Clay	19,100	18,800	15.5	15.1	9.1	10.2	8.6	8.8	3.9	4.1
Clayton	20,600	20,700	14.9	15.2	11.5	10.6	9.2	9.1	1.7	1.9
Clinton	57,800	57,600	14.2	14.7	10.3	9.5	9.4	8.2	4.7	4.3
Crawford	18,600	18,500	17.2	15.5	10.8	10.1	7.8	8.6	2.1	2.4
Dallas	27,400	27,300	14.6	14.7	11.9	10.7	9.1	8.0	3.9	3.2
Davis	8,600	8,400	13.7	17.1	12.1	11.9	7.0	7.9	2.7	3.5
Decatur	9,800	9,800	12.1	11.2	10.2	12.7	8.7	7.2	3.0	2.6
Delaware	19,200	19,200	16.5	14.7	8.4	10.2	8.8	9.3	1.0	1.7
Des Moines	45,200	45,400	15.2	13.0	11.2	10.4	9.1	8.7	5.2	4.8
Dickinson	14,000	13,700	12.3	15.3	10.1	11.7	7.4	8.1	3.1	3.5
Dubuque	94,900	94,200	15.1	16.1	8.3	8.9	9.5	9.8	2.8	2.8
Emmett	13,700	13,700	14.4	16.9	11.6	10.9	8.4	9.9	2.6	3.2
Fayette	25,900	25,900	14.5	13.9	10.7	11.2	8.5	8.0	2.4	1.4
Floyd	20,100	20,300	14.1	16.8	10.4	8.7	7.7	8.2	3.1	3.4
Franklin	13,200	13,200	12.2	13.5	12.0	10.2	6.4	8.3	2.4	2.7
Fremont	9,200	9,200	15.2	14.0	15.4	12.6	7.9	8.6	2.9	2.5
Greene	12,100	12,200	12.2	12.8	13.7	13.5	8.4	8.6	2.8	3.1
Grundy	14,000	14,100	13.1	11.9	7.9	8.7	6.3	7.2	2.5	1.8
Guthrie	12,300	12,300	12.1	12.5	12.4	12.8	8.2	7.3	2.8	3.1
Hamilton	17,800	17,900	12.8	11.7	12.0	10.9	8.7	8.9	3.0	3.1
Hancock	13,600	13,400	16.7	13.4	12.3	12.8	7.1	10.6	2.6	2.5
Hardin	22,000	22,000	13.0	12.0	10.4	12.0	8.2	7.9	2.2	2.3
Harrison	16,500	16,400	13.9	13.4	12.4	12.4	7.7	8.2	2.4	3.5
Henry	17,700	17,800	14.1	14.6	11.6	11.6	8.2	6.9	2.8	3.0
Howard	11,400	11,400	12.7	12.7	10.5	13.2	10.8	10.2	1.2	1.1
Humboldt	12,700	12,500	13.5	13.0	9.8	11.1	10.2	8.5	3.1	2.9
Ida	8,900	9,000	12.9	12.9	12.7	13.3	6.2	8.2	1.6	2.3
Iowa	15,300	15,400	12.5	11.9	12.4	12.1	10.0	9.4	2.4	1.8

TABLE 1 (continued)

COUNTY	POPULATION		LIVE BIRTHS		DEATHS		MARRIAGES		DISSOLUTIONS	
	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975
Jackson	22,000	21,700	14.7	15.0	10.1	9.3	9.3	8.2	2.0	1.9
Jasper	36,500	36,500	13.2	14.1	9.0	9.5	9.8	8.8	3.5	3.3
Jefferson	14,800	14,600	13.9	12.5	10.9	11.9	9.0	9.4	4.1	3.1
Johnson	77,400	74,900	13.6	13.5	5.1	5.8	8.2	8.2	4.9	5.2
Jones	20,000	19,700	14.5	14.2	9.9	9.1	8.4	8.9	3.1	3.4
Keokuk	13,300	13,400	12.8	11.2	12.3	14.3	8.6	10.0	1.8	1.7
Kossuth	22,700	22,800	13.1	13.8	9.6	9.0	8.2	7.6	1.9	1.5
Lee	42,000	41,600	14.1	12.6	11.3	12.0	8.4	8.9	4.8	4.2
Linn	166,700	166,200	14.4	15.1	7.6	7.3	8.3	7.9	3.3	3.0
Louisa	11,100	11,000	14.9	14.6	10.5	10.6	7.1	9.2	3.6	3.3
Lucas	10,100	10,200	10.9	13.4	13.2	14.1	9.6	8.3	3.9	3.7
Lyon	13,300	13,300	16.3	15.1	8.8	7.5	8.6	9.2	1.2	1.7
Madison	12,100	12,000	13.1	15.8	13.5	11.9	9.1	[illegible].2	2.8	2.3
Mahaska	21,900	21,900	14.8	14.1	13.1	12.4	7.6	7.9	3.5	3.8
Marion	27,600	27,200	13.6	13.4	11.4	11.3	9.5	10.6	3.4	3.2
Marshall	42,500	42,600	13.3	14.1	9.8	9.5	8.5	8.2	4.9	4.6
Mills	12,700	12,400	16.2	16.4	8.0	11.9	8.1	7.0	3.1	3.5
Mitchell	12,700	12,700	13.5	12.0	12.4	12.4	8.7	9.1	2.4	1.3
Monona	11,700	11,800	12.5	12.7	13.9	13.6	9.5	9.2	3.2	2.6
Monroe	9,300	9,300	13.5	13.1	12.9	12.4	7.2	9.0	2.4	2.0
Montgomery	12,900	12,900	14.5	13.7	13.5	13.0	8.7	7.5	3.4	4.3
Muscatine	39,300	39,000	17.0	17.3	9.8	9.2	10.0	9.4	6.0	5.3
O'Brien	17,400	17,500	14.0	12.6	11.1	11.5	8.5	9.9	1.7	0.8
Osceola	8,200	8,100	12.8	14.1	11.3	11.5	8.3	9.4	1.8	1.9
Page	18,800	18,800	12.9	15.2	13.1	13.4	9.4	8.7	3.8	3.5
Palo Alto	13,400	13,200	14.5	14.2	10.4	15.1	9.3	9.2	1.0	1.4
Plymouth	24,300	24,000	15.8	14.6	9.2	9.0	8.4	8.7	1.6	1.8
Pocahontas	11,800	12,000	12.3	11.2	12.9	12.0	10.0	10.0	3.3	1.8
Polk	300,200	300,000	14.3	14.5	8.3	8.5	9.6	9.2	6.1	5.9
Pottawattamie	86,500	86,200	14.8	16.0	8.5	9.1	9.2	10.1	5.5	5.2
Poweshiek	19,400	19,600	12.9	12.0	9.4	9.2	7.8	7.3	3.6	2.7
Ringgold	6,200	6,200	11.8	13.5	11.8	14.5	5.8	8.2	2.4	3.1
Sac	15,000	15,000	14.7	12.5	10.7	12.7	8.6	7.9	1.8	1.8
Scott	152,300	150,800	17.2	17.2	8.0	7.7	8.2	8.0	5.7	5.4
Shelby	15,200	15,400	13.0	15.7	9.1	9.4	8.9	7.7	1.9	1.8
Sioux	29,300	28,900	16.0	16.6	8.3	8.9	8.4	9.0	1.0	0.7
Story	68,500	67,300	12.7	13.3	5.8	5.5	8.0	7.5	3.4	3.6
Tama	19,700	19,500	14.1	13.0	11.6	11.7	7.5	7.3	2.1	2.0
Taylor	8,100	8,300	10.6	11.7	15.9	15.1	6.7	7.3	3.0	2.0
Union	13,200	13,200	15.2	16.2	13.1	14.8	7.0	8.9	4.5	4.4
Van Buren	8,400	8,400	14.4	13.5	15.0	12.1	9.2	6.9	3.2	2.3
Wapello	39,800	39,600	13.2	12.3	12.9	12.5	9.7	9.3	5.4	5.1
Warren	32,100	31,400	14.9	16.1	6.4	7.5	8.3	8.6	3.7	3.5
Washington	18,800	18,800	14.9	13.6	10.9	13.1	8.6	7.2	3.1	2.4
Wayne	8,200	8,200	12.3	11.7	15.2	15.0	7.9	8.2	2.4	4.3
Webster	47,300	47,200	13.4	13.9	10.6	10.0	8.7	9.2	3.3	3.2
Winnebago	13,600	13,500	12.8	13.9	11.1	9.9	9.2	8.7	3.0	2.4
Winneshiek	21,700	21,700	13.4	11.7	8.5	9.9	8.6	8.8	1.1	1.8
Woodbury	103,700	103,500	17.1	16.7	9.4	10.2	8.1	8.2	4.0	4.1
Worth	8,800	8,800	12.7	10.9	10.6	13.2	10.1	10.7	2.3	3.0
Wright	16,800	16,700	12.7	11.8	12.7	11.4	6.7	9.3	2.6	3.1

Population data from "Current Population Reports", Bureau of the Census: 1975 - Series P26 No. 76-15; 1976: No. 77-15. Counties do not sum to the state total.

Live birth and death rates are resident data. Marriage and dissolution rates are occurrence data. All rates are per 1,000 population.

DEFINITIONS

DATA

Color:

- **White:** Includes persons stating themselves as White, Cuban, Mexican, or Puerto Rican. Also includes persons for whom color is not stated.
- **Nonwhite:** Persons not included in the White classification.

Occurrence:

Place where event occurred.

Residence:

- **Births:** The mother's usual place of residence.
- **Deaths:** Usual residence of the decedent.

MORTALITY

Cause of Death:

Is the disease or injury which initiated the sequence of morbid events leading directly to death, or the circumstances of the accident or violence which produced the fatal injury. The responsibility for indicating the underlying cause of death is that of the certifying physician or medical examiner.

Fetal:

A birth after 20 weeks gestation which is not a live birth.

Infant:

Death of a child under one year of age.

Maternal:

Death due to complications of pregnancy, labor, delivery, and puerperium.

Neonatal:

Death occurring under 28 days after birth.

Perinatal:

Fetal plus neonatal.

FAMILY FORMATION AND DISSOLUTION

Marriage:
All marriages performed.

Dissolution:
Includes annulments.
Primary Marriage:
Dissolution of first marriage for both parties.

Median Age:
The mid-point of the range of ages. One-half of the persons are older, and one-half are younger than the median age.

NATALITY

Birth Weight Equivalents:

GRAMS	POUNDS & OUNCES
1000 or less	2 lbs. 3 ozs. or less
1001 - 1500	2 lbs. 4 ozs. to 3 lbs. 4 ozs.
1501 - 2000	3 lbs. 5 ozs. to 4 lbs. 6 ozs.
2001 - 2500	4 lbs. 7 ozs. to 5 lbs. 8 ozs.
2501 - 3000	5 lbs. 9 ozs. to 6 lbs. 9 ozs.
3001 - 3500	6 lbs. 10 ozs. to 7 lbs. 11 ozs.
3501 - 4000	7 lbs. 12 ozs. to 8 lbs. 13 ozs.
4001 - 4500	8 lbs. 14 ozs. to 9 lbs. 14 ozs.
4501 or more	9 lbs. 15 ozs. or more

Congenital Malformation:
Deformity existing before birth.

Live Birth:
Birth of a child who shows evidence of life after expulsion or extraction.

Median Age of Mother:
Mid-point concerning the range of ages for mothers. One-half of the mothers are older, and one-half are younger than the median age.